Daily Math Review - 8th Grade

1

Name _____

1. What is the standard numeral for nineteen million, seven hundred thousand? _____

2. Write the standard numeral for 34 billion, 219 thousand, 416. _____

3. Round 24,269 to nearest thousand. _____

4. Round 124,500 to nearest ten thousand. _____

Use greater than or less than for #'s 5 and 6.
5. 216,329 _____ 216,319   6. 4,684,621 _____ 4,685,941

7. Carlos made $4.15 on Monday, $2.87 on Tuesday, and $16.21 on Wednesday. How much did he make in the three days? _____

2

Name _____

1. Round 29,586,002 to nearest million. _____

2. Is 42,000,216 < or > 41,986,675. _____

3. 7 x (3+2) _____   4. 265 + 299 _____

5. (16 ÷ 4) x (8 ÷ 2) _____

6.   5003
      - 1659

7. Joe had 486 marbles. How many more will he need to have 500? _____

③

Name _____

1. Round 25,999 to nearest tens. _____

Put correct or incorrect for #'s 2-4.
2. 356 - 142 x 2 = 72 _____   3. 1625 - (526 + 374) = 725 _____

4. 2591 - (1250 - 408) = 933 _____

5. Barry made $20.00 last week. Sue made $11.87. How much more had Barry made? _____

6. Estimate 19,876 + 13,061. _____

7. Add 276 + 496 + 1986. _____

④

Name _____

1.   227   2. Round 42,418 to nearest thousand. _____
     x 36

3. 7007 - 3648 = _____   4. 6283 + 576 + 3892 + 467 = _____

5. Bob and Mary had $10.00. If they spent $4.86 at McDonalds, how much would they have left?
    _____

6. 12,000 ÷ 6 = _____

7. 30 x 4,000 = _____

(5)

Name _____

1. 467 - _____ = 85   2. 86 + 92 + _____ = 867

3. 18,000 ÷ 90 = _____   4. Estimate 5,862 x 3 = _____

5. 218 x 64 = _____

6. Each Booster Club member sold 54 candles. How many candles did the 22 members sell? _____

7. 2 x 5 + 3 x 2 - 5 + 3 = _____

(6)

Name _____

1. 424 ÷ _____ = 53   2. 60 x 2000 = _____

3. 46 + 46 + 46 + 46 = _____   4. 24,000 ÷ 8 = _____

5. 40 x 302 = _____   6. 88 x _____ = 88,000

7. Larry needed to repair chairs in the school auditorium. There are 24 rows of chairs with 25 chairs in each
    row. One hundred forty-seven of the chairs are in good shape. How many need repair? _____

$$\left(7\right)$$

Name _____

1. $3,250 x 8 = _____   2. 386 + 967 + 87 = _____

3. $1600 - $599 = _____   4. 1/3 of 24 = _____

5. 36,000 ÷ 60 = _____   6. 286 x 300 = _____

7. Mr. Sanchez had 21 students in the first period, 31 in period 2, 34 in period 3, 29 in period 4, 28 in period 5. What is the total number of students? _____

$$\left(8\right)$$

Name _____

1. 384 + 967 + 845 = _____

2. Estimate the quotient: 4200 ÷ 61 = _____

3. $10,000 - $6,479 = _____   4. 8 x (12 x 7) = _____

5. 6972 ÷ 83 = _____   6. 92,000 ÷ 2 = _____

7. Joe bought $8.00 worth of candy. If there is 4¢ tax on each dollar, what would be the total tax? _____

(9)

Name _____

1.   27 + 27 + 27 + 27 + 27 = _____

2. $.85 + $2.85 + $28.50 = _____

3. $12 - $6.73 = _____

4.   1,426 ÷ 6 = _____   5. 1532 ÷ 27 = _____

6.   23 x 82 = _____

7.   Joan had 382 apples to divide among 33 bags. If she gave an even amount to each bag, how many will
      she have left? _____

(10)

Name _____

1.   25 x 300 = _____   2. 80,000 ÷ 2 = _____

3. $42.60 ÷ 6 = _____   4.   265
                                               x 80

5.   8 + 8.80 + .88 + .08 = _____

6.   Estimate the quotient 55,080 ÷ 11 = _____

7.   Mary bought a dress for $40.50. If tax is 4¢ per dollar, what would be the total tax? _____

⑪

Name _____

1. 38 x 96 = _____

2. (2 x 6) - 5 x 1 = _____

3. Estimate 2054 x 31 = _____

4. Write these numbers from least to greatest.
7.99, 7.09, 8.0, 8.01 _____

5. Use the greater than or less than sign.
.629 _____ .63

6. Write the numeral for 15 and 6 thousandths.
_____

7. Cal had a marble with a diameter of 4.623 mm. Marci had a marble with a diameter of 4.599 mm. Who had the smaller marble? _____

⑫

Name _____

1. Compare the decimal: Put < , > or = for _____. .670 ____ .67

2. Write these numbers in order from greatest to least. 4.01, 4.0, 3.99, 4.011

_____

3. 580 x 10 x 0 = _____

4. 15 x 3 - 6 + 2 x 8 - 55 = _____

5. 2.6 + 5 = _____

6. Round 4.347 to nearest hundredth. _____

7. Jerry had 76¢. Brenda had twice as much. How much did they have altogether? _____

(13)

Name _____

1. 55 x 12 = _____

2. (9 + 9) ÷ (4 + 2) = _____

3. 8000 - 2987 = _____

4. Write the decimal - three hundred fifteen ten-thousandths. _____

5. 36) 1260

6. 2/3 of 48 = _____

7. Kim bought a $4.35 blouse, a $16.20 jacket and a $4.5 billfold. If she started with $30, how much would she have left? _____

(14)

Name _____

1. Put the following in order from least to greatest: 3.468, 3.648, 3.684 _____

2. Write the decimal twelve ten-thousandths. _____

3. Round .05435 to nearest thousandth. _____

4. Mary worked 2.8 hours on Monday, 3.9 on Tuesday, and 3.9 on Wednesday. How many hours did she work those three days? _____

5. Add 28.4 + 9.83 + 27.66 = _____

6. $15.00 - (3.40 x 2) = _____

7. 48 x _____ = 2400

(15)

Name _____

1. 486 ÷ 2 = _____   2. $63.80 - 27.98 = _____

3. Which is greater: 5.623 or 563? _____

4. Write twenty-five ten thousands.   5. Round .006 to the nearest hundredth.

_____   _____

6. What is 427.8 + 95.26 + 79.4? _____

7. Joe had three widths of paper. One was .067 inches, another .055 inches, and the third .097 inches. What is the total width of the three papers? _____

(16)

Name _____

1. What is 2.8 + 4.6 + .08 = _____   2. 286 x 48 = _____

3. 2 1/2 + 3 1/2 = _____   4. Use <, >, or = for 6.00 _____ 6

5. 5.603 - 1.277 = _____   6. (.5 x .3) - .1 = _____

7. Adult tickets are $2.50 and children's tickets are $1.50. One family bought 5 adult tickets and 3 children's tickets. How much did that family spend? _____

(17)

Name _____

1. 84 + 184 + 1084 = _____

2. Put the following in order from greatest to least. 2.86, 2.865, 2.799 _____

3. Write 87 billion, 295 million. _____

4. In 47,865,921, the 8 means _____

5. 3701 ÷ 43 = _____   6. 3.65 + 9 + 8.05 = _____

7. A gallon of paint covers 400 square feet. How many gallons of paint are needed to cover a fence 250 feet long and 8 feet high? _____

(18)

Name _____

1. Estimate the product of 2774 x 28. _____

2. (30 x 40) ÷ 20 = _____   3. 4,809 x 6 = _____

4.   4003   5. Write the decimal 17 millionths. _____
     - 1697

6. $8.19 + $3.77 + $5.29 = _____

7. The Sumner basketball team scored 354 points in the first 6 games. It had three more games to play. If the team scores at the same rate as the first 6 games, what would be their total number of points for the 9 games? _____

19

Name _____

1. 576.34 + 821.98 = _____

2. Round .97 to the nearest tenth. _____

3. 5 x 5 x 5 x 5 = _____

4. 12 + 15.5 + 10.75 = _____

5. 26.55 - (8.48 + 9.35) = _____

6. 56,000 ÷ 8 = _____

7. Sean ran 100 meters in 13.46 seconds. Patti ran it in 12.97 seconds. How much faster was Patti than Sean? _____

20

Name _____

1. 3425 ÷ 27 = _____

2. 94.33 + 6.72 = _____

3. Estimate the difference: $31.95 - $27.17
    _____

4. Round 12.852 to the underlined place.
    _____

5. Use <, >, or = for the _____
    in 0.0910 _____ .091.

6. 4 1/2 - 2 1/4 = _____

7. Joe's time in the first race was 29.65. His second time was 30.23. How much faster was his first time?
    _____

(21)

Name _____

1. 7.85 + 9.67 + .008 = _____   2. 3 1/2 x 2 = _____

3. 18 - 2.659 = _____   4. 3 x 5 - 5 = _____

5. (0.2 x 0.3) x 0.2 = _____   6. 3/4 of 32 = _____

7. A tank holding 14,860 L of water empties at the rate of 40 L each minute. How many minutes will it take to empty the tank? _____

(22)

Name _____

1. 2 1/3 + 3 1/4 = _____   2. 487 x 960 x 0 = _____

3. 8 1/3 x 3 = _____   4. 10 x 46.5 = _____

5. 846 - 2.865 = _____   6. 6000 ÷ 15 = _____

7. Frank's distance in the long jump on his three jumps were 12.8 m, 11.9 m, and 12.2 m. What was his average jump? _____

23

Name _____

1.   88 x 900 = _____

2. 7 1/2 - 2 3/4 = _____

3.   .3 x .3 x .3 = _____

4. Gas is 89.6¢ per gallon. What would 11.5 gallon cost? _____

5.   Round .867 to the nearest tenth. _____

6.   55 - .862 = _____

7.   In a relay race the four boy's times were 58.1, 59.3, 57.5, and 58.0. What was the difference between the slowest and fastest time? _____

24

Name _____

1.   48 x 10,000 = _____

2. 46.1 x 100 = _____

3.   (80 x 30) ÷ 40 = _____

4. 5 ÷ 1/6 = _____

5.   Round 2.9995 to the nearest thousandth. _____

6.   609.47 - 193.66 = _____

7.   The Big Star Super Market sold $4,867,216 worth of food. Next year they expect to sell 5 million dollars. How much more will they need to sell next year? _____

(25)

Name _____

1. Round 85.76 to the nearest whole number. _____

2. $15.76 + $28.93 + $7.98 + $6.77 = _____

3. 15 - 4.67 = _____   4. 3 5/6 + 4 2/3 = _____

5. 150 - (119.35 - 84.63) = _____   6. 7.9 x 8.65 = _____

7. Mike was in a car race. His time was 46.83 seconds. For every cone that was knocked down, .7 second was added to the time. If Mike knocked down 7 cones, what was his total time? _____

(26)

Name _____

1. 5.14 + .9 + 3 = _____

2. Bob bought 3 rolls of paper for 83¢ each. How much money will he get back from a ten dollar bill? _____

3. 8.5 - 3.771 = _____   4. 6 1/3 - 4 2/3 = _____

5. 3/5 of 60 = _____   6. 177.6 ÷ 37 = _____

7. A lady earns $56.40 per day. If she works 8 hours per day, what is her hourly rate? _____

(27)

Name _____

1.   4168
      - 3249

2. 8.8 - .08 = _____

3.   Divide .496 by 62. _____

4. 2 ÷ .2 = _____

5.   Round 846.83 to nearest whole number. _____

6.   2 1/2 + 3 3/4 + 5 1/2 = _____

7.   Marcia cuts a 42 foot rope in 37 pieces that are each 1.1 foot long. How much extra rope does she have?
      _____

(28)

Name _____

1.   5/6 of 72 = _____

2.   There are 365 feet of yarn in a skein. If each game needs 1/2 foot, how many games can be made?
      _____

3.   1430 ÷ 65 = _____

4. 4683 + 9415 + 6859 = _____

5.   How much money? _____
      7 quarters, 7 dimes, 7 nickels

6. Write 7 million, four. _____

7.   87.16 ÷ 3.14. Find the quotient to the nearest tenth. _____

(29)

Name _____

1. $36.5 \div 10 =$ _____

2. $2 \times 2 \times 2 \times 2 \times 2 =$ _____

3. $6\ 1/4 \times 4 =$ _____

4. $100 \div 1000 =$ _____

5. $\$3000 \div 10 =$ _____

6. $.48 \times .7 =$ _____

7. A truck weighs 14,682.8 pounds. When the truck is loaded it weighs 26,984.8. What did the load weigh? _____

(30)

Name _____

1. $\$4000 - 2986.14 =$ _____

2. 5 cups = _____ pints

3. $10.73 \div 29 =$ _____

4. $14.2 \times .1 =$ _____

5. $4\ 3/4 \div 1/4 =$ _____

6. $486 + 921 + 836 + 812 =$ _____

7. Mary had 56 sheep. If each sheep gave 2.8 pounds of wool, how many pounds of wool would Mary get? _____

(31)

Name _____

1. Round 224.16 ÷ 80 to the nearest tenth. _____

2. 5 x 5 x 3 = _____   3. 3^3 = _____

4. 3 1/3 x 4 1/2 = _____   5. 0.25 x .066 = _____

6. Write as a decimal thirty seven thousandths. _____

7. Each kilogram equals 2.2 lbs. How many pounds does Roxine weigh if she is 50.8 kg.? _____

(32)

Name _____

1. 7 quarts equal how many gallons? _____ 2. Joe traveled 10560 feet. How many miles did he travel? _____

3. .08 x .08 = _____   4. 12.466 ÷ 9.5. Round to nearest thousandths. _____

5. 5^4 = _____   6. 3 1/3 + 4 4/5 = _____

7. 2 1/6 ÷ 13/6 = _____

(33)

Name _____

1. .5 + .55 + .555 = _____   2. 5/7 of 84 = _____

3.   4695
    - 1887

4. 1^{15} = _____

5. Put 36,000 in scientific notation. _____   6. 200 ÷ .2 = _____

7. Three adult horses were weighed. Their weight was 818 pounds, 619 pounds and 756 lbs. What was their average weight? _____

(34)

Name _____

1. It is 4.3 x 10^3 miles to California. It is 2.6 x 10^4 to Alaska. How much farther is Alaska than California? _____

2. 5^0 = _____   3. 2,666 ÷ 2 = _____

4. $(.2)^3$ = _____   5. 86 x 57 = _____

6. 6/7 x 1 3/4 = _____

7. To make a pair of shorts requires 2 2/3 yards of material. Brian wanted to make 3 pairs. How much material would be left from 9 yards? _____

(35)

Name _____

1. 99 x 47 = _____

2. 44.44 ÷ .44 = _____

3. 7 1/8 - 3 2/3 = _____

4. $10^6 ÷ 10^2$ = _____

5. 8^4 = _____

6. What time is 1 hour and forty minutes after 10:36? _____

7. Bob is working on construction for $8.86 per hour. He worked 6846 hours in 1985. What was his pay? _____

(36)

Name _____

1. 37) 7511

2. 2001 - 235 = _____

3. 13 mm = _____ cm

4. 2000 x 8 = _____

5. .09 x 100 = _____

6. 2 lbs. = _____ oz.

7. Standard Oil was up 7/8 on Tuesday and 3/8 on Wednesday. How much did the price increase for the two days? _____

(37)

Name _____

1. $3^2 = $ _____

2. Write the decimal for 6 and 5 tenths. _____

3. Write the decimal for 1/2. _____

4. $500 \div 10 = $ _____

5. Round 6.83 to the nearest whole number. _____

6. $1000 = 10^{\square}$

7. Find the average of 6, 9, 11, 17, and 2. _____

(38)

Name _____

1. $400 \times 5 = $ _____

2. $10^2 \times 10 = $ _____

3. $6.89 \div 1.3 = $ _____

4. Arrange least to greatest. 1.4, 1.04, .140, .014 _____

5. $27.4 - 3.7 = $ _____

6. $42 \overline{)5504}$

7. A recipe calls for 1 1/2 cups of white flour and 2 3/4 cups of whole wheat flour. How much flour is needed in all? _____

$$\textbf{39}$$

Name _____

1. 16 x 100 = _____

2. 2^3 = _____

3. 9 - 4.5 = _____

4. 5 m = _____ cm

5. 4613
    - 2895

6. 1005 x 17 = _____

7. Jim got 3 hits in 10 at bat. What percent of the time did he get hits? _____

$$\textbf{40}$$

Name _____

1. 52 ÷ 10 = _____

2. 2000 - 124 = _____

3. 10^5 = _____

4. 1080 ÷ 120 = _____

5. 3 3/8 - 2 1/8 = _____

6. 3 x 4 x 5 = _____

7. What time is 45 minutes after 10:35? _____

(41)

Name _____

1. 25 + 3.4 = _____

2. 900 x 6 = _____

3. 66.0 ÷ 15 = _____

4. 3 ft. = _____ in.

5. 5 x 10^2 = _____

6. T or F: 5 is a multiple of 20. _____

7. A wrecking company bought 12 cars for $36 each and 13 cars for $30 each. How much was paid for the 25 cars? _____

(42)

Name _____

1. 10^3 = _____

2. 7.4 x 100 = _____

3. 80 mm = _____ cm

4. T or F: 3 is a factor of 21? _____

5. 378 ÷ 14 = _____

6. 3 1/2 + 1 1/2 = _____

7. How much time between 1:45 p.m. and 3:15 p.m.? _____

(43)

Name _____

1. 16.9 + 9.1 = _____   2. 70 x 80 = _____

3. 3.8 x 5 = _____   4. 9 ft. = _____ yds.

5. .7 _____ .091 Fill in < or >   6. .0396 ÷ 6 = _____

7. A stack of 100 papers is 2.6 cm high. What is the thickness of each sheet? _____

(44)

Name _____

1. 256 + 13 + 8 = _____   2. .25 _____ 1/3   Write < or >

3. Write 29/3 as a mixed number. _____   4. Divide $14 by 8. _____

5. Find the mode of 8, 2, 3, 5, 2, 6, 9, 2 and 8. _____

6. 1.8 ÷ 9 = _____

7. Ed won 12 out of 15 games of chess. What fraction of the games did he lose? _____

(45)

Name _____

1. 197 x 56 = _____

2. Estimate: 63,935 ÷ 98 = _____

3. 26296 ÷ 4 = _____

4. 60% = _____
           5

5. What is 3/4 of 12? _____

6. 4.5 x 11 = _____

7. Choose the most sensible answer: Mike has finished _____ of his book.
    a) 125%   b) 3/4   c) 2.4

(46)

Name _____

1. 1,387 - 295 = _____

2. 6408 - 8 = _____

3. 20% = _1_

4. What is 1/2 of 11? _____

5. 3 x 10^3 = _____

6. _2_ = _____
     5   100

7. Choose the most sensible answer for: Helen sleeps _____ of the day.
    a) 3/4   b) 30%   c) 90%

(47)

Name _____

1.   2738 ÷ 9 = _____

2. Estimate: 504 x 137 = _____

3.   Estimate: 6 x $7.29 = _____

4. .08 x 3 = _____

5.   31 - 2.2 = _____

6. Write .6 as a fraction in lowest terms. _____

7.   On a map 1 cm = 13 km. What distance is represented by 8 cm? _____

(48)

Name _____

1.   27,000 - 23,461 = _____

2. 302 x 29 = _____

3.   .82 = _____%

4. $\frac{5}{8} = \frac{}{40}$

5.   1.2 x 1.2 = _____

6. Write a decimal for 3/25. _____

7.   Hank gets 22 miles per gallon. How many gallons are needed to drive 594 miles? _____

(49)

Name _____

1. Estimate: 821 - 556 = _____   2. 2515 ÷ 5 = _____

3. 1/3 = _____%   4. Write six and three hundredths as a decimal.
                                               _____

5. $\dfrac{7}{20}$ = $\dfrac{35}{\ \ }$ 6. 4 ÷ 8 = _____

7. The Tashu Company ships 126 radios a day. If they are packed 6 to a carton, how many cartons are shipped in a 15 day period? _____

(50)

Name _____

1. 40,247 + 163 + 9582 = _____   2. Estimate: 6111 ÷ 29 = _____

3. 3/4 = _____%   4. Find the median for 2, 9, 3, 13, 7. _____

5. 3x = 15, x = _____

6. Write an algebraic phrase for 4 less than a number. _____

7. Eight pounds of shrimp costs $46. How much is that per pound? _____

(51)

Name _____

1. Estimate: $1597 + 1135 =$ _____

2. $\dfrac{3}{4} = \dfrac{}{12}$

3. $52 \times .01 =$ _____

4. $.9$ _____ 75% Write $<$ or $>$

5. $y - 6 = 14;\ y =$ _____

6. $3 + 8 \times 5 =$ _____

7. Tina swam 25 laps Monday and 32 laps Tuesday. How many must she average the next three days to reach her goal of 30 laps each day? _____

(52)

Name _____

1. $9 - 3 \times 2 =$ _____

2. $.3t = 18.6,\ t =$ _____

3. Change 3/4 to a decimal. _____

4. $14 \bullet 6 = 6 \bullet$ _____

5. 1 mile = _____ ft.

6. Pick the most reasonable weight for a puppy. _____
   a) 53 kg   b) 5.3 kg   c) .53 kg

7. Tom is to be at a restaurant by 1:00 p.m. He leaves home at 11:50 and arrives 35 minutes later. How early is he? _____

(53)

Name _____

1. Write an algebraic phrase for 4 times your weight. _____

2. Find the area of a parallelogram with base = 6 in., side = 4 in., and height = 3 in. _____

3. 750 mL ____ 7.5 L, Write <. > or =.   4. 4:40 p.m. + 3 1/2 hours = _____

5. $2^3 \times 3^2$ = _____   6. Is 500,300,001 divisible by 3? _____

7. How many ways can 24 chairs be arranged in rows that have the same number of chairs? _____

(54)

Name _____

1. 35 - 10 + 5 + 8 = _____   2. $\dfrac{d}{12}$ = 4, d = _____

3. 27 inches = ____ ft. ____ inches

4. Sketch and label a rectangle with an area of 21 sq. ft.

5. 5^8 ____ $5^6 \cdot 4^2$. Write <, >, or =.   6. Round 4.365 to tenths.

7. The ages on Bill's basketball team are 10, 12, 13, 11 and 14. What is the average age of the players? _____

(55)

Name _____

1. How much is 3 quarters, 6 dimes and 2 nickels worth? _____

2. $24 + \dfrac{12}{2} - 3 =$ _____   3. $21.7 \div 7 =$ _____

4. 1/2 of 3 1/2 = _____   5. Write an algebraic phrase for a number increased by 6. _____

6. What metric unit is closest to the thickness of a dime? _____

7. How much fence is needed to enclose a rectangular yard which is 85 ft. by 60 ft. _____

(56)

Name _____

1. Fill in operation symbols to make the expression true. 8 ____ 4 ____ 2 ____ 1 = 30

2. $15.9 \div 3 =$ _____   3. Write an algebraic phrase for the product of 3 and n. _____

4. 2 ft. 7 in. + 3 ft. 9 in. = _____   5. 4m = _____ cm

6. What is the radius of a circle with a diameter of 6 in.? _____

7. It takes about 5 seconds for sound to travel 1 mile. If the time between the lightning flash and the sound of thunder is 12 seconds, how far away was the lightning? _____

(57)

Name _____

1. In x + 3 = 7, what is the x called? _____

2. Write the value of pi correct to 2 decimal places. _____

3. $1 + 3 + 5 + 7 =$ _____^{2}

4. Write the prime factorization of 24. _____

5. The sum of two multiples of 3 is a multiple of 3. T or F _____

6. 5% _____ 1/8. Write < or >.

7. The odometer on Tim's bike read 483 km when he left home. Now it reads 627 km. How far did he ride? _____

(58)

Name _____

1. 14. x = 0   x = _____

2. Write 1/8 as a decimal. _____

3. $75 ÷ 6 =$ _____

4. 8y = 25.6, y = _____

5. 4T = _____ lbs.

6. .6 (.7 _____ .3) = 1. Fill in the correct operation symbols.

7. May leaves for work at 7:30 a.m. She rides the 7:40 bus for 25 minutes, then walks for 5 minutes. At what time does she arrive at work? _____

$$\boxed{59}$$

Name _____

1. 15 - (2 + 4) = _____

2. n + 27 = 70, n = _____

3. 6/5 = _____%

4. What is the Greatest Common Factor of 9 and 12? _____

5. 6.5 x 10^3 = _____

6. Write 3 x 3 x 3 x 3 in exponential form. _____

7. The Community Theatre has $170. They wish to make a new curtain, using 15 yds. of material at $8.50 per yard and a rod which costs $39.50. How much will they have left over? _____

$$\boxed{60}$$

Name _____

1. $\dfrac{5}{6} = \dfrac{n}{8}$,   n = _____

2. What is 20% of 30? _____

3. Round 52.035 to the nearest tenth. _____

4. 10^6 = _____

5. 4m = 12.8

6. How many factors does 12 have? _____

7. The student council consists of 5 sixth graders, 6 seventh grades, and 9 eighth graders. What percent are eighth graders? _____

(61)

Name _____

1. Is 27 prime or composite?   2. Write 3800 in scientific notation. _____
    _____

3. Write the Least Common Multiple of 6 and 9. _____

4. 3 1/4 + 2 1/5 = _____   5. 1 1/2 x 4 = _____

6. 62 - 6.2 = _____

7. Liz's first lap in a race was 1:42. The total time for the race was 3:18. How long did it take to complete
    the second lap? _____

(62)

Name _____

1. $\frac{1}{3} = \frac{n}{15}$, n = _____   2. What is 50% of 80? _____

3. 32 - 5.6 = _____   4. x + 3 = 2x - 2, x = _____

5. Write the decimal for 26 hundredths.   6. 4/5 _____ 60%. Write < or >.
    _____

7. A math club has 60 members. If 36 are boys, what percent are boys? _____

(63)

Name _____

1. Is 505,603 divisible by 5? _____   2. $3 \div 1/2 =$ _____

3. 6 1/4 - 3 3/4 = _____   4. 1/2 ____ 1/3. Write < or >.

5. 5/6 of 18 = _____   6. What is an angle less than 90° called?
                              _____

7. Electricity in New York is 16.5¢ per kw-hr. In Iowa it is about 5.5¢ per kw-hr. How much would $60 of electricity in Iowa cost in New York? _____

(64)

Name _____

1. 6 is what percent of 24? _____   2. What is 1% of $60? _____

3. n - 7 = 48 - (3 + 5), n = _____   4. Write 3 5/6 as an improper fraction. _____

5. $4.6 \times 10^4 =$ _____   6. What is an angle between 90° and 180° called? _____

7. If socks are selling 3 for $1.29, find the cost of 7 pair. _____

(65)

Name _____

1. 3/4 + 3/4 = _____   2. 2 - 1 1/8 = _____

3. 4 1/2 ÷ 3 = _____   4. 1/3 of 15 = _____

5. Name an 8-sided polygon.   6. Write the area formula for a parallelogram.
    _____   _____

7. How many quarter pounders can McDonalds make from 60 lbs. of hamburger? _____

(66)

Name _____

1. What is 10% of $1.30? _____   2. 7 is 25% of what number? _____

3. $\frac{x}{3} = 6.6$ 4. $153 ÷ 100 = $ _____

5. Name a polygon with 10 sides.   6. 4 3/8 ÷ 5 = _____
    _____

7. A pair of tennis shoes regularly selling for $38 are marked 20% off. What is the sale price? _____

(67)

Name _____

1.   4/5 + 1/3 = _____   2. 3/8 x 1/5 = _____

3.   3/4 of 20 = _____   4. 4 1/2 ÷ 1/2 _____ 4 1/2.
                                           Write < or >.

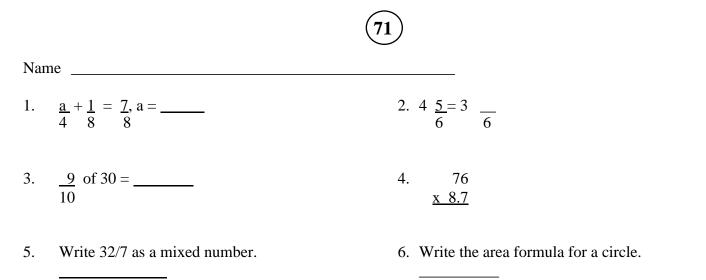5.   Name a rectangle with 4 congruent sides.   6. 4.3 x 1000 = _____
     _____

7.   Mr. Jones is 36, his son is 6. In four years, how many times as old as his son will Mr. Jones be?
     _____

(68)

Name _____

1.   What is 10% of $5.90? _____   2. 4 is what percent of 12? _____

3.   4 + 6 x 3 - 12 = _____   4. 5 cm = _____ mm

5.   5 qts. = _____ gal. _____ qt.   6.   9007
                                                     - 5463

7.   A coat costing $60 is marked down $15. What is the percent discount? _____

69

Name _____

1. $3/8 + 1/4 =$ _____

2. $4\ 1/5 - 3\ 4/5 =$ _____

3. $4/5$ of $25 =$ _____

4. Name a triangle with 3 congruent sides. _____

5. Perpendicular lines form what angle? _____

6. $x \div 100 = 24$, $x =$ _____

7. If Karen can paint 1 3/4 chairs in an hour, how long will it take to paint 21 chairs? _____

70

Name _____

1. 7 yd. = _____ ft.

2. 3 ft. 5 in. + 2 ft. 10 in. = _____

3. 5 kg = _____ g

4. $121 \div 4$ Express the remainder as a decimal. _____

5. Write 1/6 as a repeating decimal. _____

6. $95 = t - 16$, $t =$ _____

7. What is less: 3 for \$15.66 or 7 for \$36.75? _____

71

Name _____

1. $\frac{a}{4} + \frac{1}{8} = \frac{7}{8}$, a = _____

2. $4\frac{5}{6} = 3\frac{}{6}$

3. $\frac{9}{10}$ of 30 = _____

4.
```
   76
x 8.7
```

5. Write 32/7 as a mixed number.
   _____

6. Write the area formula for a circle.
   _____

7. Bill has a bucket containing 2 1/4 gal. of paint. If he uses 1/3 of his paint, how many gallons are left?
   _____

72

Name _____

1. .36 _____ 0.306   <, = or <

2. What is the ordinal number that comes before 67? _____

3. 8,084 - 3,376 = _____

4. Round .1964 to the nearest hundredth.
   _____

5. 12 + 15.5 + 10.75 = _____

6. 325 x .01 = _____

7. A relay team has times of: 1.13 min., 1.04 min., 1.05 min. and 1.06 min. What is the total time for the team? _____

(73)

Name _____

1. Estimate the sum of 43.04 and 6.85.   2. Write the numeral for XII. _____

    _____

3. 7 - .63 = _____

4. What is the cost of 4.9 gallons of gas at $1.19 per gallon? Give answer to the nearest cent.

    _____

5. $1 + 16 \div 4 =$ _____   6. Round to the nearest half hour 4:49 p.m.

                                              _____

7. What time is it 4 hours and 10 minutes before midnight? _____

(74)

Name _____

1. Write the Roman numeral for 6. _____

2. 5.4 _____ 5.39 <, >, or =   3. 13,472 + 6,189 = _____

4. Round .0881 to the nearest tenth. _____

5. .0726 + .5 + .426 = _____   6. 1/3 + 1/6 = _____

7. Mark bought shoes for $23.95. Sales tax is 5%. How much change should he get from $40.00?

    _____

(75)

Name _____

1. 6 - 1 + 7 = _____

2. 5 _____ 8 = 40

3. Estimate the difference of 3 7/8 and 1 1/3. _____

4. 41 g = _____ kg

5. Write the numeral for seven dollars and six cents. _____

6. Rayleen bought items with a total cost of $4.27. She gave the clerk $20. How much change should she get? _____

7. 78 x 609 = _____

(76)

Name _____

1. 6 + 9 _____ 3 x 5   <, >, or =

2. Estimate the sum: 3841 + 2,359 + 4778 _____

3. 2008 x 309 = _____

4. $38 - 28¢ = _____

5. 60.2 ÷ .28 = _____

6. .013 _____ .2   <, >, or =

7. Postcards at a local museum were $.49 for 3 cards. How much would 24 cards cost? _____

(77)

Name _____

1. 5 ___ 7 = 12

2. Write 13,060,000 in scientific notation.
    _____

3. 253 x 3000 = _____

4. Estimate the quotient of 17.1 and 1.95.
    _____

5. 2 x 6 + 2 x 4 = _____

6. What combination of coins should Kate use to give 55¢ change? _____

7. On a 370 seat airplane, 284 seats were taken. How many were not taken? _____

(78)

Name _____

1. What combination of coins should be used to give 92¢ change? _____

2. 63,000 ÷ 900 = _____

3. 3 x 2 _____ 45 ÷ 5   <, >, or =

4. 286 ÷ 357.5 = _____

5. $.73 + $.06 + $.30 = _____

6. A carton of computer paper weighs 19.5 kg and costs 2.2¢ per sheet. What is the cost of 2,400 sheets of paper? _____

7. 3^2 = _____

(79)

Name _____

1. 456 ÷ 200 = _____

2. 7 less than 18 is _____

3. 4 + 7 _____ 4 x 3   <, >, or =

4. 2 (4+3) - 1 = _____

5. Write the numeral for six and twenty-eight thousandths. _____

6. A tank has a capacity of 64,000 gallon and is filled by a pipe at a rate of 256 gallon per minute. How long will it take to fill the tank? _____

7. 364 x 86 = _____

(80)

Name _____

1. 4 x 9 _____ 6 x 6   <, >, or =

2. 59,059 ÷ 413 = _____

3. Round .0048 to the nearest hundredth. _____

4. .001 x 8.9 = _____

5. Discs costs $1.89 each. For 20 or more the cost is $1.69 each. What is the cost of one dozen discs? _____

6. 10^5 = _____

7. Write in standard notation. 3.27×10^5 _____

(81)

Name _____

1. 4 less than the product of 12 and 3.

    _____

2. Write 2.06×10^7 in standard notation.

    _____

3. 16 _____ 9 = 7

4. Change 1,263 cm to m. _____

5. 30 - 5 x 4 = _____

6. Estimate the sum: 3,841 + 359 + 4,778

    _____

7. Noel measured a cylinder and found its diameter was 5.7561 cm. This was one ten-thousandth larger than it should have been. How large should it have been? _____

(82)

Name _____

1. 2/3 - 1/4 = _____

2. 3^5 = _____

3. Round .66683 to the nearest whole number. _____

4. 8.023 x .5 = _____

5. 17.4 ÷ .3 = _____

6. What is the prime factorization of 54? _____

7. A sausage that is about 32.6 cm long is cut into 100 slices. How thick is each slice? _____

83

Name _____

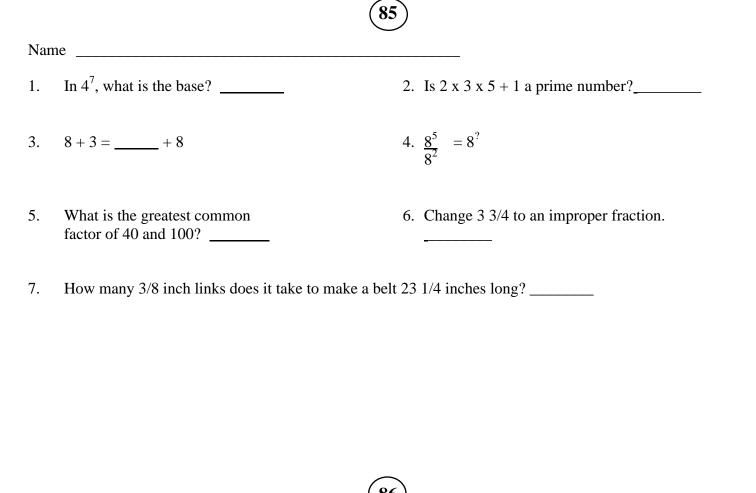1. .83 _____ .8300   <, >, or =

2. Write the numeral for twenty-four thousand and twenty-four ten-thousandths. _____

3. 2 more than the difference of 6 and 4.   4. $7 + 18 \div 6 =$ _____
    _____

5. Round to the nearest quarter hour.   6. 42 _____ 7 = 6
    11:35. _____

7. The total cost of operating a carpool for a year is shared by 4 people. If each person pays $345, what is the total cost of operating the carpool? _____

84

Name _____

1. 5.9 x 3.7 = _____   2. Estimate the quotient of 7,942 and 77.
                                          _____

3. There are 425 pages in a book that is 3.2 cm thick. What is the thickness of each page to the nearest thousandth? _____

4. $20^2 =$ _____   5. 1 5/7 x 2 1/3 = _____

6. Carolyn bought 2 packs of film for $3.19 each and another for $2.15. What was the total cost?
    _____

7. Is 51 a prime or composite number? _____

(85)

Name _____

1. In 4^7, what is the base? _____

2. Is 2 x 3 x 5 + 1 a prime number?_____

3. 8 + 3 = _____ + 8

4. $\dfrac{8^5}{8^2} = 8^?$

5. What is the greatest common factor of 40 and 100? _____

6. Change 3 3/4 to an improper fraction. _____

7. How many 3/8 inch links does it take to make a belt 23 1/4 inches long? _____

(86)

Name _____

1. 93.7 x .0071 = _____

2. In 5^3 what is the exponent? _____

3. Give the mixed numeral for $\dfrac{121}{5}$. _____

4. What is the great common factor of 54 and 60? _____

5. Adam bought 3/4 lb. of potato salad and 10 oz. of coleslaw. Which has the greater amount? _____

6. $\dfrac{9}{15}$ ____ $\dfrac{18}{30}$ <, >, or =

7. 215% of 36 = _____

87

Name _____

1. What is the prime factorization of 63? _____

2. $10^{15} \div 10^{11} = 10^?$ _____   3. $2 (3 + \_\_\_\_) = 2.3 + 2.4$

4. Give an equivalent fraction
    with denominator of 60 for 3/5. _____   5. $\dfrac{10}{15}$ ___ $\dfrac{12}{18}$ <, >, or =

6. On a piano 36 of the 88 keys are black. Write this as a fraction in lowest terms. _____

7. What is the least common denominator for $\dfrac{5}{8}$ and $\dfrac{7}{12}$?
    _____

88

Name _____

1. An "N" gauge model is 4 1/2" long. How many fourths of an inch long is the car? _____

2. Write these numbers in order from least to greatest: 75.2, 75.02, 70.52, 705.2
    _____

3. $1 \; 1/2 + 3 \; 3/8 + 2 \; 5/6 =$ _____   4. One of these fractions is not in lowest terms.
                                                        Reduce it. 42/51, 21/32, 10/33 _____

5. 29% of 34 = _____   6. $11 - 1 \; 1/4 =$ _____

7. Find the average of 2, 5, 9, 3 and 7. _____

89

Name _____

1. Estimate the sum of 29.26 and 1.345. _____

2. $6^3 \times 6^4 = 6^?$ _____   3. $2 + (3 + 4) = (2 + \underline{\quad}) + 4$

4. .006 cm = _____ mm   5. Give the greatest common factor of 51 and 23. _____

6. $4/5 = 64/\underline{\quad}?$

7. A boat travels 7 hours at a speed of 10 1/4 knots. How far did it travel? _____

90

Name _____

1. A recipe calls for 3/4 cup of milk. How much milk will be needed for a triple recipe? _____

2. 2 1/2 + 3 1/4 - 1 7/8 = _____   3. 10,000 x .01276 = _____

4. 17^0 = _____   5. Write 137% as a decimal. _____

6. 1 2/9 ÷ 3 5/6 = _____

7. What is the largest number that can be written with the digits 1, 2, 5 and 7 using each digit only once? _____

(91)

Name _____

1. 14 is what % of 70? _____

2. What is the least common multiple of 6, 15 and 9? _____

3. What is the prime factorization of 81? _____

4. Reduce: $\dfrac{75}{90}$ _____

5. $7^5 \times 7^3 \div 7^2 = 7^?$ _____

6. Arrange these in order from greatest to least. 1 3/4, 1 5/16, 1 3/8, 1 27/32
   _____

7. A recipe requires 3 1/2 cup of flour. Bill has 1 1/4 cup of flour. How much does he need to borrow from the neighbor? _____

(92)

Name _____

1. Evaluate n - $\dfrac{1}{3}$ when n = 2 $\dfrac{1}{2}$. _____

2. Write 2.5 as a %. _____

3. 2/3 x 1 1/6 x 9 = _____

4. Mike caught three perch weighing 1 3/4 lb., 2 1/8 lb., and 1 2/3 lb. What did they weigh together? _____

5. Write 4 • 4 • 4 • 4 • 4 • 4 • 4 with exponents. _____

6. What power of 10 would you have to multiply .0637 by to make it a whole number? _____

7. Find the quotient to the nearest hundredth: 51.3 ÷ 8 _____

(93)

Name _____

1. $\dfrac{10^7}{10^4}$

2. Estimate the product of 37.15 and 0.75.

    _____

3. $3\,\dfrac{1}{2}$ - $2\,\dfrac{8}{9}$ = _____

4. .18 ÷ .001 = _____

5. The best estimate for the length of a car is 1m, 4m, 7m, 10m. _____

6. 54 is 15% of what number? _____

7. Ron plans to sail 13 1/2 nautical miles in 3 1/4 hours. At what rate will the boat travel? _____

(94)

Name _____

1. Write 64% as a fraction. _____

2. 3^4 = _____

3. If a = 7 and b = 2, find 3a - 3b. _____

4. $2\,\dfrac{1}{2}$ x $3\,\dfrac{3}{5}$ = _____

5. A piece of tubing 10 1/2 inches long is cut from one that is 33 1/4 inches long. The saw cut is 1/16 inch. How much tubing is left? _____

6. Find the quotient to the nearest tenth:
    6.7 ÷ 6 _____

7. A 5 lb. bag of potatoes cost $1.05. What is the cost per pound? _____
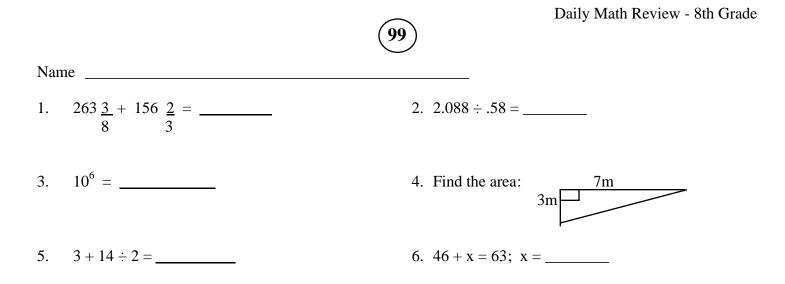
(95)

Name _____

1.　Estimate the quotient of 327 ÷ 48. _____

2.　What are all the factors of 12? _____

3.　Change .012 to a fraction. _____

4.　$\frac{15}{2/3}$ = _____

5.　On a map 1/4" = 15 miles. The distance between two cities is 2 1/2". How many miles apart are they? _____

6.　213% of 21 = _____

7.　x - 7 = 2; x = _____

(96)

Name _____

1.　Find the perimeter of a 4' by 5' rectangle. _____

2.　Round 3 7/16 to the nearest whole number. _____

3.　Bill worked 7 1/2 hours on Monday and 8 3/4 hours on Tuesday. How much longer did he work on Tuesday? _____

4.　Estimate the product of 32.7 and 8.92. _____

5.　What is the prime factorization of 330? _____

6.　1^{15} = _____

7.　y + 5 = 17; solve for y. _____

97

Name _____

1. Write the decimal for 5/6. _____

2. $8\frac{1}{3} - 3\frac{5}{6} = $ _____

3. Round .00963 to thousandths place. _____

4. 16 is 30% of what number? _____

5. What is the circumference of a circle with diameter of 5"? _____

6. Frank bought 7 notebooks. The total cost was $14.63. What was the cost of each notebook? _____

7. Give the product of 125 and 2000 in scientific notation. _____

98

Name _____

1. $5^2 \cdot 2^3 = $ _____

2. Solve for t: $6t = 42$ _____

3. $37.5 \times 10,000 = $ _____

4. If $y = 7$ and $z = 6$, then $\frac{2y + z}{5} = $ _____

5. $4\frac{1}{2} \div 3\frac{3}{8} = $ _____

6. Is 6 a factor of 826? _____

7. The Bears played 82 games last season. There were h games played at home. What expression represents the number of away games? _____

(99)

Name _____

1. $263 \frac{3}{8} + 156 \frac{2}{3} =$ _____

2. $2.088 \div .58 =$ _____

3. $10^6 =$ _____

4. Find the area:

5. $3 + 14 \div 2 =$ _____

6. $46 + x = 63; \ x =$ _____

7. On Wednesday, ABC stock closed at 28 5/8, after a gain of 1 1/8. What was its price when it opened that day? _____

(100)

Name _____

1. $2.6 \div .006 =$ _____

2. $\frac{23}{50} = \frac{138}{x}$

3. Change .5% to a fraction. _____

4. Colleen has 6 2/3 ft. of rope to be cut into 10 pieces. How long is each piece? _____

5. Give the reciprocal of 2 2/3. _____

6. Solve for w: $w + 5.002 = 7$ _____

7. Estimate 3/4 of $23.87. _____

101

Name _____

1. What is the greatest common factor
    of 54 and 135? _____

2. 16 is what % of 80? _____

3. A market sells 6 ears of sweet corn for 85¢. How much would 1 1/2 dozen ears cost? _____

4. $n - 1/3 = 1\ 1/2$
    $n =$ _____

5. What is the least common multiple of 8 and
    22? _____

6. $1.3 \times 10^5 \times 2 \times 10^8 =$ _____

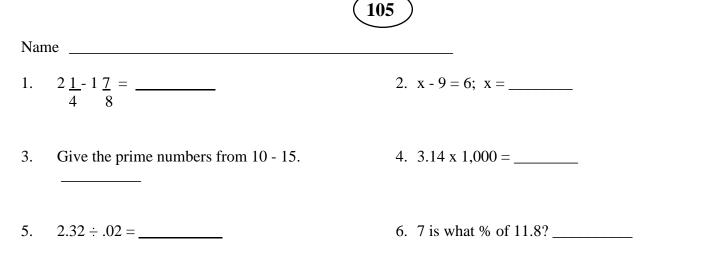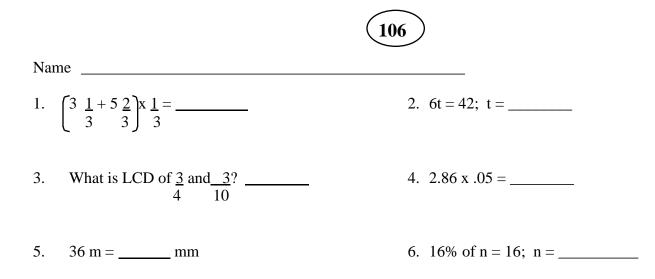7. $\dfrac{.2}{5} = \dfrac{z}{7.5}$ $z =$ _____

102

Name _____

1. A diagram for a birdhouse is drawn to a scale of 2 to 15. If the height on the diagram is 4.2 cm, what is
    the actual height? _____

2. $\dfrac{4}{5} - \dfrac{3}{4} =$ _____

3. Change 150% to a decimal. _____

4. $3/4 \div (1/2 \div 1/8) =$ _____

5. Write an expression for the quotient of a
    number y and 6. _____

6. Find the area of a parallelogram with
    base 11' and height 2 3/4'. _____

7. 124 hours = _____ days

103

Name _____

1. The reciprocal of 2 3/8 is _____   2. Change 16 2/3% to a fraction. _____

3. Write an expression for the difference when r is subtracted from 20. _____

4. Write 2,060,000,000 in scientific notation. _____

5. Flossie did yard work from 9:30 a.m. to 1:30 p.m. and earns $3.75 an hour. How much did she earn?
   _____

6. -6 + 5 = _____   7. 2^6 = _____

104

Name _____

1. Find the interest on $400 at 5% for 3 years.
   _____

2. If jackets are 1/3 off, how much would a $40 jacket cost? _____

3. Change 11/18 to a decimal. _____

4. z - .7 = 5.2; solve for z. _____

5. 8 x 3/4 = _____

6. -3 x 7 = _____

7. Use distributive property to write in a different way: 8 • 6 + 3 • 8. _____

$$\boxed{105}$$

Name _____

1. $2\frac{1}{4} - 1\frac{7}{8} = $ _____

2. x - 9 = 6; x = _____

3. Give the prime numbers from 10 - 15.

    _____

4. 3.14 x 1,000 = _____

5. 2.32 ÷ .02 = _____

6. 7 is what % of 11.8? _____

7. Kevin sold 200 boxes of Christmas cards in 1986. In 1987 he plans to sell 116% of his 1986 sales. What will his 1987 sales be? _____

$$\boxed{106}$$

Name _____

1. $\left(3\frac{1}{3} + 5\frac{2}{3}\right) \times \frac{1}{3} = $ _____

2. 6t = 42; t = _____

3. What is LCD of $\frac{3}{4}$ and $\frac{3}{10}$? _____

4. 2.86 x .05 = _____

5. 36 m = _____ mm

6. 16% of n = 16; n = _____

7. Mark Smith is buying new tires for his car. The cost is $264.00. If he buys the tires the last week in June, he will get a discount of 16%. What will be the cost of the tires the last week of June? _____

107

Name _____

1. 4 x 3 $\frac{3}{4}$ = _____

2. $\frac{w}{8}$ = 13; w = _____

3. What is the decimal for $\frac{4}{5}$? _____

4. 9.84 x 6.52 = _____

5. .6666 ÷ .033 = _____

6. 40% of n = 20; n = _____

7. Santo borrowed $350 for 2 years. The simple interest rate is 11%. How much interest will be on the loan after two years? _____

108

Name _____

1. $\left(\frac{1}{2}\right)^3$ = _____

2. What is the mean of 63, 84, 93? _____

3. 16 is what % of 80? _____

4. The square root of 400 is _____

5. Put $\frac{7}{8}$ as a terminating decimal. _____

6. -88 ÷ ⁻.2 = _____

7. A bee is $\frac{7}{24}$ inches long. A fly is $\frac{3}{8}$ inches longer. How long is the fly? _____

$$\boxed{109}$$

Name _____

1. Put 2,000,000 in scientific relation.

    _____

2. What is the area of a circle with a radius
    of 10 inches? _____

3. $4^5 =$ _____

4. $^-16 - (^-18) =$ _____

5. Find the area of a rectangle whose length is 16.5 cm and width is 7.6 dm. Put the answer in dm.

    _____

6. $2x + 5 = 25$; $x =$ _____

7. Mike bought 3 $\underline{4}$ lbs. of apples that cost 60¢ a pound. What would be the cost of the apples?

    _____   5

$$\boxed{110}$$

Name _____

1. Name an eight-sided figure. _____

2. $^-4 + ^-6 =$ _____

3. The square root of 729 is _____

4. $^+22 \times ^-1.6 =$ _____

5. $46.8 \times 9.3 =$ _____

6. What is the area of a triangle whose base is
    12 in. and height is 16 in.? _____

7. Bob worked 2 $\underline{3}$ hours on Monday, 3 $\underline{4}$ on Tuesday, 4 $\underline{3}$ on Wednesday. How many hours must

                4   5   4

    he work the rest of the week to get 30 hours? _____

$$\boxed{111}$$

Name _____

1. $(.2)^4 =$ _____

2. Put 2,300,000 in scientific notation. _____

3. Change 12 $\underline{1}$ % to a fraction. _____
          2

4. What is the area of a trapezoid whose bases are 12 in. and 16 in. and height is 14 in.? _____

5. $7x - 8 = 76$; x = _____

6. $2x + 9 = x + 9$ _____

7. Frank earns K dollars. If he works 16 hours and gets $61.12, how much does he earn each hour? _____

$$\boxed{112}$$

Name _____

1. $^-8 \div {^-}.2 =$ _____

2. $^-8 \times {^-}72 =$ _____

3. Put 821,000,000 in scientific notation. _____

4. $^-15 + 8 + {^-}9 + 16 =$ _____

5. What is the median of 6, 8, 9, 5, 4, 3, 1? _____

6. $2^8 =$ _____

7. Kelly subtracted her birth year of 1979 from Mozart's birth year and got -218. What was Mozart's birth year? _____

(113)

Name _____

1. 40% of n = 400; n = _____

2. K + 11 = 17; K = _____

3. $\frac{9}{10} \div \frac{1}{5} =$ ____

4. .008 x .02 = _____

5. Put $\underline{1}$ as a repeating decimal. _____
        9

6. .4% of 200 = _____

7. A pizza oven temperature is 190 degrees C. How much greater is that temperature than the temperature at which water boils? _____

(114)

Name _____

1. Give the circumference of a circle whose radius is 14 m. _____

2. What is a ten-sided figure called? _____

3. Put 2,000,100 in scientific notation. _____

4. $5^4 =$ _____

5. $^-4 + {}^-8 + {}^-7 =$ _____

6. 1.6 x 9.03 = _____

7. Freddy needed to paint the walls of his bedroom. The room is 12 by 12. If the ceiling is 8 foot high, how many square feet needs to be painted? _____

$$\boxed{115}$$

Name _____

1. ⁻2 + ⁻8 - (⁻6) = _____

2. 265 is what % of 800? _____

3. 125% of 280 = _____

4. ⁻12 x 64 = _____

5. What is the mean of 4.6, 2.8, 2.2? _____

6. $7\frac{3}{4} + 8\frac{2}{3} =$ _____

7. Out of the 65 men on the team, 26 were college graduates. What per cent were <u>not</u> college graduates? _____

$$\boxed{116}$$

Name _____

1. Change $87\frac{1}{2}$ % to a fraction. _____

2. 4x - 8 = 6x + 20 _____

3. Put 310,000,000 in scientific notation. _____

4. What is the mode of the scores: 56, 29, 38, 27, 56, 81? _____

5. What is the square of 12.2? _____

6. Put .008 as a percent? _____

7. If 26 people eat 130 apples, how many people will be needed to eat 2600 apples? _____

117

Name _____

1. .68 x .09 = _____

2. Find the quotient 567.9 ÷ 100. _____

3. .6% of 980 = _____

4. Put 1/6 as a repeating decimal. _____

5. What is the mean of 2 $\underline{1}$, 3 $\underline{1}$ and 3 $\underline{1}$?
              2   4   4

6. Find 388.9 ÷ 277 to nearest tenth. _____

7. In 1984 there were 8400 people in Podunk, Iowa. In 1987 there were 120 percent of that amount. How many people in Podunk in 1987? _____

118

Name _____

1. What is the name of a six-sided figure? _____

2. 56 x .006 = _____

3. Put 23,000,000,000 in scientific notation. _____

4. What is the volume of a rectangular prism whose h = 4 cm, l = 6 cm, and w = 9 cm? _____

5. 1 dm = _____ km

6. 3^5 = _____

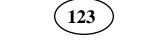7. A basement floor is 6241 square feet. If the room is square, what are the measurements of the room? _____

119

Name _____

1. What is the opposite of ⁻5? _____

2. $4y + 4 = 2$, $y =$ _____

3. $\sqrt{0} =$ _____

4. Write a decimal for 5/6. _____

5. $5 - 3.62 =$ _____

6. Change 6 1/8 to an improper fraction. _____

7. Find the cost of 3 tires if they sell 4 for $228.72. _____

120

Name _____

1. 2/3 of 15 = _____

2. Name a segment with endpoints on the circle. _____

3. Write a fraction in lowest terms for $\dfrac{27}{18}$ _____

4. $1.6 \div .02 =$ _____

5. $3^4 =$ _____

6. Write 37 1/2% as a decimal. _____

7. Find the percent of increase if the cost of a shirt goes from $5.00 to $8.00. _____

121

Name _____

1. $\left| -3 \right| =$ _____

2. $5m + 4m = 27$; $m =$ _____

3. Find $\sqrt{81}$

4. Round 5,309 to hundreds. _____

5. $4(6 + 3) + 5 =$ _____

6. $5.34 + 72.6 =$ _____

7. How long will it take a snail to move .01 km if its speed is .016 km per hour? _____

122

Name _____

1. Write the name for a 180° angle. _____

2. Solve for x: $\dfrac{2.4}{x} = \dfrac{8}{3}$ _____

3. Find the LCM of 12 and 9. _____

4. $3x + {}^-4 = x + 8$ _____

5. $10^6 \div 10^2 =$ _____

6. $4\dfrac{1}{4} \div .5 =$ _____

7. David can type 40 words per minute. If a page contains 220 words, how long will it take him to type 5 pages? _____

(**123**)

Name _____

1. Round 621.053 to hundreths.

   _____

2. $\underline{G} = 30$, G = _____
   4

3. $\left|\,-6\,\right|$ ____ $\left|\,+3\,\right|$ Write < or >

4. Write a decimal for 2/5. _____

5. Find the GCF of 12 and 27. _____

6. $1/3 + 2/5 =$ _____

7. If you buy 8 gallon of gas at 98¢ per gallon and 2 qt. of oil at $1.85 per qt., how much more does the gas cost? _____

(**124**)

Name _____

1. Estimate the quotient of $63,582 \div 81$.

   _____

2. Name the horizontal axis. _____

3. What is $\underline{4}$ of 20? _____
          5

4. $(\,^{-}3 + \,^{+}5) - 8 =$ _____

5. 6 is 25% of what? _____

6. Name a triangle with two congruent sides.

   _____

7. If you randomly choose one letter from the alphabet, what is the probability that the letter will be a vowel? _____

(**125**)

Name _____

1. 1/3 x 4 1/2 = _____

2. Name an 8 sided polygon. _____

3. Find the area of a circle with radius 3 inches. _____

4. Solve for x: $\dfrac{x}{3} = \dfrac{5}{4}$ _____

5. 5 is what % of 20? _____

6. 5/8 + 1 1/3 = _____

7. John had 8 hits in 30 times at bat. Find his batting average as a decimal to thousandths. _____

(**126**)

Name _____

1. Estimate 24% of 41.63. _____

2. Find the length of a square whose area is 64 sq. in. _____

3. Write the formula for the volume of a cylinder. _____

4. Write > or <: ⁻3 _____ ⁻2 - ⁻6.

5. Why is .333 a rational number? _____

6. $\dfrac{y}{-2}$ = 6, y = _____

7. Find the total cost of a basketball selling for $14.50 if 4% sales tax is added. _____

127

Name _____

1. $4 \div 1/3 =$ _____

2. Write the name for a pair of angles totalling 180°. _____

3. What is 10% of 90? _____

4. $5.3 \times .07 =$ _____

5. $7 \div 100 =$ _____

6. Use exponents to write the prime factorization of 18. _____

7. Ann filled a 6 qt. container 2/3 full. How many pints are needed to fill the container? _____

128

Name _____

1. Name a quadrilateral with one pair of sides parallel. _____

2. Name the upper left quadrant.
   _____

3. How many lines of symmetry in an equilateral triangle? _____

4. Write a number equal to $3^2 \bullet 5$. _____

5. 40 oz. = _____ lbs.

6. $x - {}^-3 = 4 - 7; \ x =$ _____

7. Find the cost of paving an 80' by 24' drive at $1.60 per square foot. _____

(**129**)

Name _____

1. Write 5/9 as a decimal. _____   2. If x = 5, find 3x - 2. _____

3. Enrollment at the Junior High is decreasing at an average of 3 students per year. The enrollment is 165 students now. What would the enrollment be in 6 years? _____

4. 4,760m = 4.76 _____   5. 3 1/2 - 1 7/8 = _____

6. 1.3 + .6 x 9 = _____   7. $9^7 \div 9^3$ = _____

(**130**)

Name _____

1. An angle of 90^0 is called a _____ angle.   2. Find 43% of 605. _____

3. ⁻4 x 1.36 = _____

4. Write an <u>equation</u> to solve this problem: Brad had $40. He bought 4 tickets to the concert and had $5 left. What was the cost of each ticket? _____

5. Find the unit price: 251 for $9.95 _____   6. How many significant digits in .04306 kg? _____

7. Write the ordered pair for the point that is up 4 and left 7 from the origin. _____

131

Name _____

1. I thought of an integer and multiplied it by -2 and subtracted -5 from the product. The result was 17.
    What was my original integer? _____

2. $|-3|$ = _____

3. Solve $2y + 3 = 9$ _____

4. An angle greater than 90° is called _____

5. $^-6 \cdot {}^-2 \cdot {}^-1 =$ _____

6. 2.63 x .009 = _____

7. $1\ 1/2 \div 4\ 7/8 =$ _____

132

Name _____

1. Round to hundredths. $4.2 \div .76$ _____

2. Give the complement of a 47° angle. _____

3. Milk cost 26¢ per quart 5 years ago. Now it costs 43¢ per quart. Find the percent of increase to the nearest whole percent. _____

4. If c = $^-12$, what is $6 + \dfrac{c}{3}$

5. Solve: $\dfrac{4}{9} = \dfrac{10}{n}$; n = _____

6. What is the GPE for a measurement of 3 1/4"? _____

7. Change 4 5/6 to a decimal. _____

133

Name _____

1. $3 - ^-5 =$ _____

2. Change 8.26 km to m. _____

3. $6 - 42 \div 7 =$ _____

4. Write 3/8 as a decimal. _____

5. $14 \div 0 =$ _____

6. Evaluate $\underline{n + 5}$ when n = $^-$12. _____
    7

7. Candy cost $1.29 per pound. How much will 1 3/4 pounds cost? _____

134

Name _____

1. How many degrees would there be in 1/3 of a circle graph? _____

2. $8^3 \times 8^4 =$ _____

3. Two angles of a triangle are measured to be 37 degrees and 45 degrees. How many degrees in the third angle? _____

4. 16 is what % of 80? _____

5. How many lines of symmetry does a rectangle have? _____

6. If you roll a die 48 times, how many times would you expect to roll a prime number? _____

7. $\sqrt{1024} =$ _____

$$\boxed{135}$$

Name _____

1. 100 cm _____ 10 m

2. An angle less than 90° is called _____

3. $^-4 \cdot 7 + {}^-4 \cdot 9 = $ ___ $\cdot (7 + 9)$

4. $|4 + 7| = $ _____

5. $^-5g = 75$. Solve for g. _____

6. $1\ 1/3 + 2\ 4/5 = $ _____

7. If oranges are on sale 6 @ $1., how much would 2 dozen oranges cost? _____

$$\boxed{136}$$

Name _____

1. One of two adjacent supplementary angles has a measure of 126 degrees. What is the other angle? _____

2. $^-10 - {}^-7 = $ _____

3. $\dfrac{n}{16} = \dfrac{11}{12}$ ——

4. Change $\dfrac{319}{500}$ to a percent. _____

5. Solve -7x - 9 = 12. _____

6. Is a triangle with sides of 30, 34 and 16 a right triangle? _____

7. Find the simple interest on $450 at 12% for 3 months. _____

Answers - 8th Grade

Problem 1
1. 19,700,000
2. 34,000,219,416
3. 24,000
4. 120,000
5. >
6. <
7. $23.23

Problem 2
1. 30,000,000
2. >
3. 35
4. 564
5. 16
6. 3344
7. 14

Problem 3
1. 26,000
2. Correct
3. Correct
4. Incorrect
5. $8.13
6. 33,000
7. 2758

Problem 4
1. 8172
2. 42,000
3. 3359
4. 11,218
5. $5.14
6. 2,000
7. 120,000

Problem 5
1. 382
2. 689
3. 200
4. 18,000
5. 13,952
6. 1188
7. 14

Problem 6
1. 8
2. 120,000
3. 184
4. 3000
5. 12,080
6. 1000
7. 453 chairs

Problem 7
1. $26,000
2. 1440
3. $1001
4. 8
5. 600
6. 85,000
7. 143 students

Problem 8
1. 2196
2. 70
3. $3521
4. 672
5. 84
6. 46,000
7. 32¢

Problem 9
1. 135
2. $32.20
3. $5.27
4. 237 r 4
5. 56 r 20
6. 1886
7. 19

Problem 10
1. 7500
2. 40,000
3. $7.10
4. 21,200
5. 17.76
6. 5000
7. $1.62

Problem 11
1. 3648
2. 7
3. 60,000
4. 7.09, 7.99, 8.0, 8.01
5. <
6. 15.006
7. Marci

Problem 12
1. =
2. 3.99, 4.0, 4.01, 4.011
3. 0
4. 0
5. 7.6
6. 4.35
7. $2.28

Problem 13
1. 660
2. 3
3. 5013
4. .0315
5. 35
6. 32
7. $4.95

Problem 14
1. 3.468, 3.648, 3.684
2. .0012
3. .054
4. 10.6
5. 65.89
6. 8.20
7. 50

Problem 15
1. 243
2. $35.82
3. 563
4. .0025
5. .01
6. 602.46
7. .219

Answers - 8th Grade

Problem 16
1. 7.48
2. 13,728
3. 6
4. =
5. 4.326
6. .05
7. $17.00

Problem 17
1. 1352
2. 2.865, 2.86, 2.799,
3. 87,295,000,000
4. hundred thousand
5. 86 r 8
6. 20.70
7. 5 gallons

Problem 18
1. 90,000
2. 60
3. 28,854
4. 2306
5. .000017
6. $17.25
7. 531 points

Problem 19
1. 1398.32
2. 1.0
3. 625
4. 38.25
5. 8.72
6. 7000
7. .49 seconds

Problem 20
1. 126 r 23
2. 101.05
3. $5
4. 12.9
5. =
6. 2 1/4
7. .58

Problem 21
1. 17.528
2. 7
3. 15.341
4. 10
5. .012
6. 24
7. 371.5

Problem 22
1. 5 7/12
2. 0
3. 25
4. 465
5. 843.135
6. 400
7. 12.3

Problem 23
1. 79,200
2. 4 3/4
3. .027
4. $10.30
5. .9
6. 54.138
7. 1.8

Problem 24
1. 480,000
2. 4610
3. 60
4. 30
5. 3.000
6. 415.81
7. $132,784

Problem 25
1. 86
2. 59.44
3. 10.33
4. 8 1/2
5. 115.28
6. 68.335
7. 51.73

Problem 26
1. 9.04
2. $7.51
3. 4.729
4. 1 2/3
5. 36
6. 4.8
7. $7.05

Problem 27
1. 919
2. 8.72
3. .008
4. 10
5. 847
6. 11 3/4
7. 1.3 feet

Problem 28
1. 60
2. 730
3. 22
4. 20957
5. $2.80
6. 7,000,004
7. 27.8

Problem 29
1. 3.65
2. 32
3. 25
4. .1
5. $300
6. .336
7. 12,122 pounds

Problem 30
1. 1013.86
2. 2 1/2
3. .37
4. 1.42
5. 19
6. 3055
7. 156.8

Answers - 8th Grade

Problem 31
1. 2.8
2. 75
3. 27
4. 15
5. .0165
6. .037
7. 111.76

Problem 32
1. 1 3/4
2. 2
3. .0064
4. 1.312
5. 625
6. 8 2/15
7. 1

Problem 33
1. 1.605
2. 60
3. 2808
4. 1
5. 3.6×10^4
6. 1000
7. 731 pounds

Problem 34
1. 21,700
2. 1
3. 1,333
4. .008
5. 4902
6. 1 1/2
7. 1 yard

Problem 35
1. 4653
2. 101
3. 3 11/24
4. 10^4
5. 4096
6. 12:16
7. $60,655.56

Problem 36
1. 203
2. 1766
3. 1.3
4. 16,000
5. 9
6. 32 oz.
7. 1 1/4

Problem 37
1. 9
2. 6.5
3. .5
4. 50
5. 7
6. 3
7. 9

Problem 38
1. 2000
2. 10^3 or 1000
3. 5.3
4. .014; .140; 1.04; 1.4
5. 23.7
6. 131 r 2
7. 4 1/4 c

Problem 39
1. 1600
2. 8
3. 4.5
4. 500 cm
5. 1718
6. 17,085
7. 30%

Problem 40
1. 5.2
2. 1,876
3. 100,000
4. 9
5. 1 1/4
6. 60
7. 11:20

Problem 41
1. 28.4
2. 5400
3. 4.4
4. 36 in.
5. 500
6. F
7. $822

Problem 42
1. 1000
2. 740
3. 8
4. T
5. 27
6. 5
7. 1 1/2 hours

Problem 43
1. 26
2. 5600
3. 19
4. 3 yds.
5. >
6. .0066
7. .026 cm

Problem 44
1. 277
2. <
3. 9 2/3
4. $1.75
5. 2
6. .2
7. 1/5

Problem 45
1. 11,032
2. 600
3. 6574
4. 3
5. 9
6. 49.5
7. b

Answers - 8th Grade

Problem 46
1. 1092
2. 801
3. 5
4. 5 1/2
5. 3000
6. 40
7. b

Problem 47
1. 304 2/9
2. 50,000
3. $42
4. .24
5. 28.8
6. 3/5
7. 104 km

Problem 48
1. 3539
2. 8,758
3. 82%
4. 25
5. 1.44
6. .12
7. 27 gal.

Problem 49
1. 200
2. 503
3. 33 1/3%
4. 6.03
5. 100
6. 1/2
7. 315 cartons

Problem 50
1. 49,992
2. 200
3. 75%
4. 7
5. x = 5
6. n - 4
7. $5.75

Problem 51
1. 3000
2. 9
3. .52
4.
5. 20
6. 43
7. 31 laps

Problem 52
1. 3
2. 62
3. .75
4. 14
5. 5,280
6. b
7. 35 min.

Problem 53
1. 4w
2. 18 in.^{2}
3. <
4. 8:10 p.m.
5. 72
6. yes
7. 8 ways

Problem 54
1. 38
2. 48
3. 2 ft. 3 in.
4. 3 x 7 or 21 x 1 ft.
5.
6. 4.4
7. 12

Problem 55
1. $1.45
2. 27
3. 3.1
4. 1 3/4
5. X + 6
6. 1 mm
7. 290 ft.

Problem 56
1. x, -, x
2. 5.3
3. 3n
4. 6 ft. 4 in.
5. 400
6. 3 in.
7. 2.4 miles (2 2/5 miles)

Problem 57
1. Variable
2. 3.14
3. 4
4. 2 x 2 x 2 x 3
5. T
6. <
7. 144 km

Problem 58
1. 0
2. .125
3. $12.50
4. 3.2
5. 8000
6. +; -
7. 8:10 a.m.

Problem 59
1. 9
2. 43
3. 125%
4. 3
5. 6,500
6. 3^4
7. $3

Problem 60
1. 6 2/3
2. 6
3. 52.0
4. 1,000,000
5. m - 3.2
6. 6
7. 45%

Answers - 8th Grade

Problem 61
1. composite
2. 3.8×10^3
3. 18
4. 5 9/20
5. 6
6. 55.8
7. 1:36

Problem 62
1. 5
2. 40
3. 26.4
4. 5
5. .26
6. >
7. 60%

Problem 63
1. No
2. 6
3. 2 1/2
4. >
5. 15
6. acute
7. $180

Problem 64
1. 25%
2. $.60
3. 47
4. 23/6
5. 46,000
6. obtuse
7. $3.01

Problem 65
1. 1 1/2
2. 7/8
3. 1 1/2
4. 5
5. octagon
6. A = b x h
7. 240

Problem 66
1. $.13
2. 28
3. 19.8
4. $1.53
5. decagon
6. 7/8
7. $30.40

Problem 67
1. 1 2/15
2. 3/40
3. 15
4. >
5. square
6. 4,300
7. 4

Problem 68
1. $.59
2. 33 1/3%
3. 10
4. 50
5. 1 gal. 1 qt.
6. 3544
7. 25%

Problem 69
1. 5/8
2. 2/5
3. 20
4. equilateral
5. 90^0 (or right)
6. 2400
7. 12 hours

Problem 70
1. 21 ft.
2. 6 ft. 3 in.
3. 5000
4. 30.25
5. .16
6. 111
7. 3 for $15.66

Problem 71
1. 3
2. 11
3. 27
4. 661.2
5. 4 5/7
6.
7. 1 1/2 gal.

Problem 72
1. >
2. sixty-sixth
3. 4,708
4. .20
5. 38.25
6. 3.25
7. 4.28 min.

Problem 73
1. 50
2. 12
3. 6.37
4. $5.83
5. 5
6. 5:00 p.m.
7. 7:50 p.m.

Problem 74
1. VI
2. >
3. 19,661
4. .1
5. .9986
6. 1/2
7. $14.85

Problem 75
1. 12
2. x
3. 3
4. .041
5. $7.06
6. $15.73
7. 47,502

Answers - 8th Grade

<u>Problem 76</u>
1. =
2. 11,000
3. 620,472
4. $37.72
5. 215
6. <
7. $3.92

<u>Problem 77</u>
1. +
2. 1.306×10^7
3. 759,000
4. 8.5
5. 20
6. 2 quarters and 1 nickel
7. 86 seats

<u>Problem 78</u>
1. 3 quarters, 1 dime, 1 nickel
   and 2 pennies
2. 70
3. <
4. .8
5. $1.09
6. $52.80
7. 9

<u>Problem 79</u>
1. 2.28
2. 11
3. <
4. 13
5. 6.028
6. 250 minutes or 4 hrs. 10
   min.
7. 31,304

<u>Problem 80</u>
1. =
2. 143
3. .00
4. .0089
5. $22.68
6. 100,000
7. 327,000

<u>Problem 81</u>
1. 32
2. 20,600,000
3. -
4. 12.63
5. 10
6. 9,000
7. 5.756

<u>Problem 82</u>
1. 5/12
2. 243
3. 1
4. 4.0115
5. 58
6. $2 \cdot 3^3$
7. .326 cm

<u>Problem 83</u>
1. =
2. 24,000.0024
3. 4
4. 10
5. 11:30
6. ÷
7. $1380

<u>Problem 84</u>
1. 21.83
2. 100
3. .008 cm
4. 400
5. 4
6. $8.53
7. composite 3 x 17

<u>Problem 85</u>
1. 4
2. yes
3. 3
4. 3
5. 20
6. 15/4
7. 62 links

<u>Problem 86</u>
1. .66527
2. 3
3. 24 1/5
4. 6
5. potato salad
6. =
7. 77.4

<u>Problem 87</u>
1. $3^2 \cdot 7$
2. 4
3. 4
4. 36/60
5. =
6. 9/22
7. 24

<u>Problem 88</u>
1. 18
2. 70.52, 75.02, 75.2, 705.2
3. 7 17/24
4. 14/17
5. 9.86
6. 9 3/4
7. 5.2

<u>Problem 89</u>
1. 30
2. 7
3. 3
4. .06
5. 1
6. 80
7. 71 3/4 nautical miles

<u>Problem 90</u>
1. 2 1/4 c
2. 3 7/8
3. 127.6
4. 1
5. 1.37
6. 22/69
7. 7.521

Answers - 8th Grade

Problem 91
1. 20%
2. 90
3. 3^4
4. 5/6
5. 6
6. 1 27/32, 1 3/4, 1 3/8, 1 5/16
7. 2 1/4 c.

Problem 92
1. 2 1/6
2. 250%
3. 7
4. 5 13/24 lb.
5. 4^7
6. 4
7. 6.41

Problem 93
1. 10^3
2. 32
3. 11/18
4. .00018
5. 4m
6. 360
7. 4 2/13 knots

Problem 94
1. 16/25
2. 81
3. 15
4. 9
5. 22 11/16"
6. 1.1
7. 21¢

Problem 95
1. 6
2. 1, 2, 3, 4, 6, 12
3. 3/250
4. 22 1/2
5. 150 miles
6. 44.73
7. 9

Problem 96
1. 18'
2. 3
3. 1 1/4 hrs.
4. 270
5. $2 \cdot 3 \cdot 5 \cdot 11$
6. 1
7. y = 12

Problem 97
1. .83
2. 4 1/2
3. .010
4. 53.3
5. 15.7 in.
6. $2.09
7. 2.5×10^5

Problem 98
1. 200
2. t = 7
3. 375,000
4. 4
5. 1 1/3
6. no
7. 82 - h

Problem 99
1. 420 1/24
2. 3.6
3. 1,000,000
4. 10.5 m^2
5. 10
6. x = 17
7. 27 1/2

Problem 100
1. 433.3
2. 300
3. 1/200
4. 2/3 ft.
5. 3/8
6. 1.998
7. 18

Problem 101
1. 27
2. 20%
3. $2.55
4. 1 5/6
5. 88
6. 2.6×10^{13}
7. .3

Problem 102
1. 31.5 cm
2. 1/20
3. 1.5
4. 3/16
5. y/6
6. 30 1/4"
7. 5 1/6 days

Problem 103
1. 8/19
2. 1/6
3. 20 - r
4. 2.06×10^9
5. $15.00
6. -1
7. 64

Problem 104
1. $60
2. $26.67
3. .6T
4. z = 5.9
5. 6
6. -21
7. 8 (6 + 3)

Problem 105
1. 3/8
2. 15
3. 11, 13
4. 3140
5. 116
6. 59%
7. 232

Answers - 8th Grade

Problem 106
1. 3
2. 7
3. 20
4. .143
5. 36,000
6. 100
7. 221.76

Problem 107
1. 15
2. 104
3. .8
4. 64.1568
5. 20.2
6. 50
7. $77

Problem 108
1. 1/8
2. 80
3. 20
4. 20
5. .875
6. 440
7. 2/3 in.

Problem 109
1. 2×10^6
2. 314 in.
3. 1024
4. 2
5. 12.54 dm
6. 10
7. $2.28

Problem 110
1. octagon
2. -10
3. 27
4. -35.2
5. 435.24
6. 96 sq. in.
7. 18 7/10

Problem 111
1. .0016
2. 2.3×10^6
3. 1/8
4. 196 sq. in.
5. 12
6. 0
7. 3.82

Problem 112
1. 40
2. 576
3. 8.21×10^8
4. 0
5. 5
6. 256
7. 1761

Problem 113
1. 1000
2. 6
3. 4 1/2
4. .00016
5. .T
6. .8
7. $90^0 c$

Problem 114
1. 87.92 m
2. decagon
3. 2.001×10^6
4. 625
5. -19
6. 14.448
7. 384 ft.^{2}

Problem 115
1. -4
2. 32%
3. 350
4. -768
5. 3.2
6. 16 5/12
7. 60%

Problem 116
1. 7/8
2. -14
3. 3.1×10^8
4. 56
5. 148.84
6. .8%
7. 520

Problem 117
1. .0612
2. 5.679
3. 5.88
4. .16
5. 3
6. 1.4
7. 10,080 people

Problem 118
1. hexagon
2. .336
3. 2.3×10^{10}
4. 216 cubic cm
5. .01 km
6. 243
7. 79 by 79

Problem 119
1. +5
2. y = 1/2
3. 0
4. .833
5. 1.38
6. 49/8
7. $174.54

Problem 120
1. 10
2. chord
3. 3/2
4. 80
5. 81
6. .375
7. 60%

Answers - 8th Grade

<u>Problem 121</u>
1. 3
2. 3
3. 9
4. 5,300
5. 41
6. 77.94
7. .625 hrs. or 37.5 min.

<u>Problem 122</u>
1. straight
2. .9
3. 36
4. x - 6
5. 10^4
6. 8 1/2 or 8.5
7. 27 1/2 minutes

<u>Problem 123</u>
1. 621.05
2. 120
3. >
4. .4
5. 3
6. 11/15
7. $4.14

<u>Problem 124</u>
1. 800
2. x - axis
3. 16
4. -6
5. 24
6. isosceles
7. 5/26

<u>Problem 125</u>
1. 1 1/2
2. octagon
3. 28.26 in.^{2}
4. 3 3/4
5. 25%
6. 1 23/24
7. .267

<u>Problem 126</u>
1. 10
2. 8 in.
3. _ r^2 h
4. <
5. Because it can be written as the ratio 1/3
6. ⁻12
7. $15.08

<u>Problem 127</u>
1. 12
2. supplementary
3. 9
4. .371
5. .07
6. 2×3^2
7. 4 pts.

<u>Problem 128</u>
1. trapezoid
2. II
3. 3
4. 45
5. 2 1/2 lbs.
6. ⁻6
7. $3072

<u>Problem 129</u>
1. .5
2. 13
3. 147 students
4. km
5. 1 5/8
6. 6 7
7. 9^4

<u>Problem 130</u>
1. right
2. 260.15
3. ⁻5.44
4. 40 - 4x = 5
5. $3.98/L
6. 4
7. (⁻7, 4)

<u>Problem 131</u>
1. ⁻6
2. 3
3. 3
4. obtuse
5. ⁻12
6. .02367
7. 4/13

<u>Problem 132</u>
1. 5.53
2. 43^0
3. 65%
4. 2
5. 22.5
6. 1/8"
7. 4.83

<u>Problem 133</u>
1. 8
2. 8,260
3. 0
4. .375
5. undefined
6. ⁻1
7. $2.26

<u>Problem 134</u>
1. 120^0
2. 8^7
3. 98^0
4. 20%
5. 2
6. 24 times
7. 32

<u>Problem 135</u>
1. <
2. acute
3. ⁻4
4. 11
5. ⁻15
6. 4 2/15
7. $4

Answers - 8th Grade

<u>Problem 136</u>
1. 54^0
2. ⁻3
3. 14.6
4. 63.8%
5. ⁻3
6. yes
7. $13.50