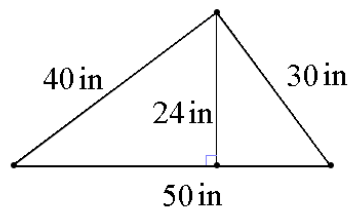


- Use digits to write each of the following numbers.
 - two hundred eight thousand, five and twenty-five thousand, nine millionths
 - three thousand, two and thirty thousand, fifteen ten millionths
- Use words to write each of the following numbers.
 - 40 010 030.0045
 - 3.010045
- Write the following decimals as mixed numbers. Make sure to reduce the fraction part.
 - 75.75
 - 3.6
- Compute the perimeter and area of the triangle shown on the picture.



- Compute the least common multiple of 640, 200, and 180.
- Compute the average of $-3\frac{1}{2}$, $7\frac{2}{3}$, 0, $-5\frac{5}{6}$, 0, 6, and -2 .
- Consider the following numbers. 4864, 125, 540, 450, and 9010
 - Find all numbers from the list that are divisible by 4.
 - Find all numbers from the list that are divisible by 5.
 - Find all numbers from the list that are divisible by 20.
- 56 is what percent of 350?
- 130% of a number is 52. Find this number.
- Find 135% of 400.
- Convert 1152 inches to yards.
- If we multiply a number by 13 and increase this product by 40, we get -25 . Find this number.
- The ratio of adults to children on the field trip was 3 to 20. How many adults were there if the number of children were 420?
- The area of a rectangle is 16 in^2 . Find the width of the rectangle if its length is $\frac{1}{4}$ inches.
- Sally is making \$1400 per month. How much would she make in a month after a 6% raise?
- A TV went on a 20% off sale. The sale price is \$680. Find its original price.
- The population of a town grew from 125 000 to 150 000. What percent of a change does this represent?

18. Perform the following operations. Do not use a calculator.

a) $1.32 + 2.56 =$

d) $400100 \div 1000 =$

b) $14.76 - 0.51 =$

e) $\frac{1}{4} \left(1\frac{1}{5} - 4\frac{4}{10} \right) + 1 =$

c) $128.032 \cdot 10\,000 =$

f) $\frac{-3^2(-2) + (-2)(6)(-5) \div 12 + 2}{(-2)^2 + (-1)^2} - \frac{-2^2}{(-2)^2} =$

19. Evaluate $2a^2 + ab - b^2$ if

a) $a = -2$ and $b = 7$

b) $a = -\frac{1}{2}$ and $b = 2\frac{1}{2}$

20. Solve each of the following equations. Make sure to check your solution.

a) $\frac{6}{7}x + \frac{3}{5} = \frac{11}{35}$

b) $12 - 5x = -28$