

Fractions

1. Look at these fractions. Circle the largest

$$\frac{5}{7} \quad \frac{2}{9} \quad \frac{5}{12} \quad \frac{5}{10}$$

Explain or prove your choice

2. Put these fractions in lowest terms

$$\frac{20}{25} = \frac{12}{15} = \frac{22}{40} = \frac{22}{40}$$

3. Change to mixed numbers

$$\frac{13}{5} = \frac{70}{25} = \frac{22}{4} = \frac{22}{4}$$

4. Find a common denominator and then add the fractions. Answer should be in lowest terms.

$$\frac{3}{8} + \frac{3}{4} = \frac{3}{5} + \frac{2}{3} = \frac{3}{5} + \frac{2}{3}$$

Decimals

1. Write these decimals as fractions in lowest terms

$$\begin{aligned} .07 &= \frac{\quad}{\quad} \\ .33 &= \frac{\quad}{\quad} \\ .75 &= \frac{\quad}{\quad} \\ 3.25 &= \frac{\quad}{\quad} \\ .4 &= \frac{\quad}{\quad} \\ .04 &= \frac{\quad}{\quad} \end{aligned}$$

2. Add $.302 + 1.24 =$

3. Subtract $2.4 - .512 =$

4. Multiply $.02 \times 4.2 =$

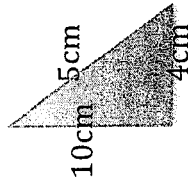
5. Divide $3.24 \div 0.3 =$

Measurement

1. What is the perimeter & area of this rectangle that has a side length of 12 cm & a width of 5cm?

$$P = \underline{\quad} \quad A = \underline{\quad}$$

2. Find the area & perimeter of the triangle. (Remember height always comes out of the base at a right angle)

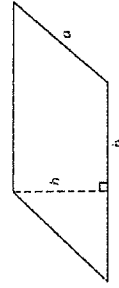


$$P = \underline{\quad} \quad A = \underline{\quad}$$

3. Find the area and perimeter of this parallelogram with these dimensions. (measurements)

$$b = 11\text{cm}, h = 6\text{cm}, a = 9\text{cm}$$

$$P = \underline{\quad} \quad A = \underline{\quad}$$



4. If perfect square has an area of 64cm^2 , what is the side length of the square? _____

Percent

1. List all the factors of 100

2. Using what you know about the factors of 100. Find the numerator for the equivalent fraction

$$\frac{3}{4} = \frac{\quad}{100} \quad \frac{7}{10} = \frac{\quad}{100} \quad \frac{12}{20} = \frac{\quad}{100}$$

$$\frac{32}{50} = \frac{\quad}{100} \quad \frac{1}{5} = \frac{\quad}{100} \quad \frac{10}{25} = \frac{\quad}{100}$$

3. A sweater was on sale for \$24.00. Sue had a coupon for 25% off he price. What was the price of the sweater now?

4. These are the test scores for three weeks

$$\begin{array}{r} 23 \\ 37 \\ \hline 15 \\ 32 \\ \hline 12 \\ 17 \end{array}$$

Change these scores into percents and then find the average score for three weeks. (Hint: averages are found by adding all the test scores and then dividing by the number of tests)

Problem Solving

<p>1. John said that 0.4 and 0.40 and 0.04 all have the same value. Is he right? Prove your answer</p>	
<p>2. Place these numbers (2,3,4,5,8,9) in the boxes to make mixed numbers</p> $\square \frac{\square}{\square} - \square \frac{\square}{\square} =$ <p>The answer to the equation must be between 1 and 2.</p>	
<p>3. The sum of Mary's age and her Dad's age, is 36. The difference is 20 years. What are their ages?</p>	
<p>4. Amy scored <u>7 more</u> goals this season than Sam in hockey. Together they scored <u>a total of 51 points</u>. How many goals did each of the m score this season?</p>	
<p>5. A rectangle has a width of 4 cm and has the same perimeter as a square whose side is 8 cm. Draw and label a picture of both shapes and then find the area of both shapes.</p>	