

Fractions

1. Look at these fractions.
Circle the largest
- $\frac{3}{5}$ $\frac{5}{7}$ $\frac{11}{12}$ $\frac{4}{10}$

Explain your choice

2. Put these fractions in lowest terms
- $\frac{40}{45} = \frac{3}{15} = \frac{33}{60} =$

3. Change to mixed numbers
- $\frac{23}{5} = \frac{90}{25} = \frac{43}{4} =$

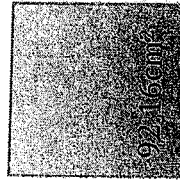
4. Add

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

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

Square Numbers

1. Give an example of any square number _____
2. What would you guess is square root of 65? Explain your answer _____
3. Give an example of a number that has a square root greater than 10 but less than 11 _____
4. What is the side length of the square? _____

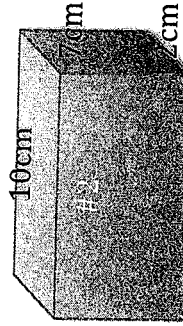
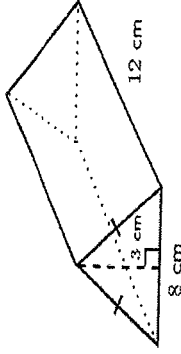


What is the perimeter of the above square? _____

5. If a perfect square has a side length of 23 cm, what is the area of the square? _____

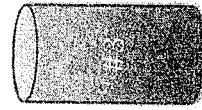
Surface Area

Find the surface area of these shapes #1



Diameter is 6cm

Height is 14cm



Applying A Pythagoras

#1. Formula: _____
What is the length of the hypotenuse? _____

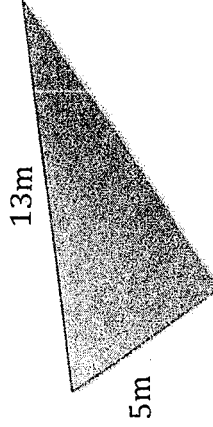
Substitute: _____

Exponents: _____

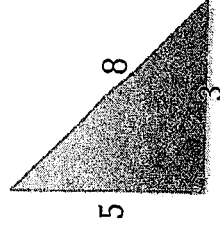
Add or Sub: _____

Square Root to find side length _____

What is the height of this triangle? _____
What is the area of this triangle? _____
What is the perimeter of this triangle? _____



#2. Use Pythagorean theorem and prove or disprove if the triangle below is a right triangle



<u>Understanding Fractions</u>	<u>Fraction Operations</u>	<u>Order of Operations</u>
Write a fraction of equal value: $\frac{2}{8} = \frac{\quad}{4}$	$\frac{1}{4} + \frac{2}{5} =$	Solve: $(20 - 3^2) + 4^2 \div 3 =$
Circle the larger amount in each pair $2\frac{2}{3}$ or $2\frac{2}{8}$	$1\frac{3}{4} + \frac{2}{8} =$	$(6 \times (15 - 4)^2) =$
Write out the fraction or mixed number Three and one tenths	$9 - 3\frac{5}{6} =$	$(9 \times 3^2) - 5 + 6 =$
Sixty-five and thirty-two hundredths	$\frac{4}{5} \times 3\frac{5}{10} =$	
Two thirds	$3\frac{1}{2} \times 2\frac{5}{2} =$	
Ten and three fourths	$\frac{5}{15} \div \frac{10}{20} =$	
Five and one tenth	$4\frac{2}{12} \div \frac{20}{24}$	
How far is $2\frac{2}{5}$ from 3?		
Put these fractions in lowest terms		
$\frac{40}{500} =$	Not Yet	Not Yet
$\frac{18}{12} =$	Getting There	Getting There
$\frac{20}{25} =$	Got It!	Got It