

Fractions

1. Subtract

$$5 - \frac{4}{8} =$$

$$3\frac{1}{4} - 2\frac{4}{5} =$$

3. Add

$$\frac{2}{5} + \frac{3}{7} =$$

$$8\frac{2}{3} + 4\frac{1}{4} =$$

4. Multiply

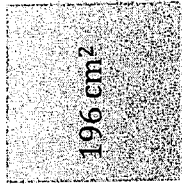
$$5 \times \frac{5}{10} =$$

$$\frac{2}{3} \times 2\frac{5}{10} =$$

$$\frac{5}{12} \div \frac{10}{20} =$$

Square Numbers

1. What is the side length of the square? _____



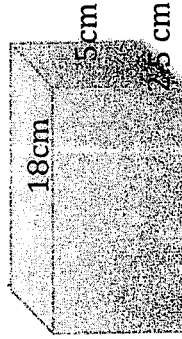
What is the perimeter of the above square? _____

2. If a perfect square has a side length of 100 cm, what is the area of the square? _____

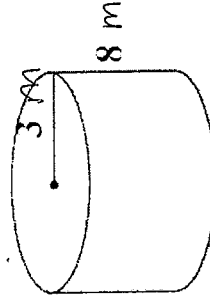
3. What is the difference between 5^2 and 2×5

Surface Area

Find the surface area of these shapes #1



#2



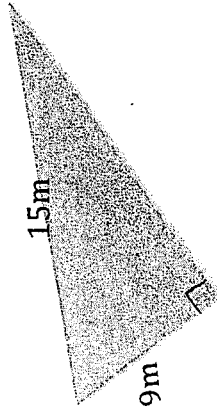
Applying Pythagoras

#1. Use the Pythagoras formula to find the missing length of the right angle triangle.

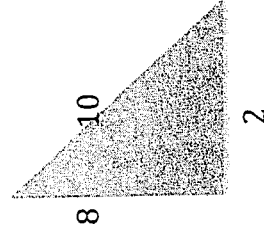
What is the height of this triangle? _____

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. Is the triangle right angle?



Fractions

1. Subtract

$$12 - 5\frac{7}{8} =$$

$$3\frac{1}{2} - \frac{5}{7} =$$

3. Add

$$\frac{2}{8} + \frac{3}{6} =$$

$$6\frac{2}{4} + 4\frac{1}{3} =$$

4. Multiply

$$6 \times \frac{3}{10} =$$

$$\frac{2}{3} \times 2\frac{5}{6} =$$

$$4\frac{4}{5} \div \frac{6}{10} =$$

Square Numbers

A perfect square has an area of 16.81 cm². What is the side length of this square? _____

Decimals

Change these fractions to decimals. Round to the nearest hundredth.

$$\frac{8}{100} =$$

$$\frac{15}{27} =$$

$$\frac{7}{10} =$$

$$\frac{135}{1000} =$$

$$2\frac{4}{5} =$$

Write these percent as decimals

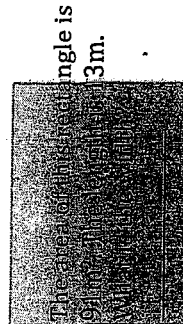
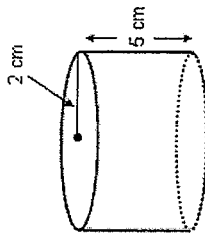
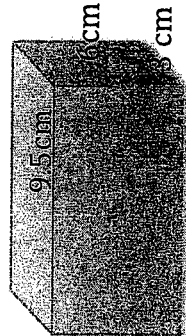
$$12\% =$$

$$6\% =$$

Student

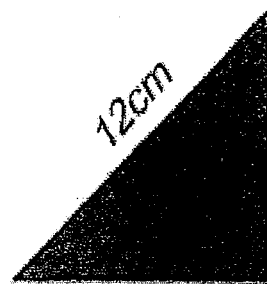
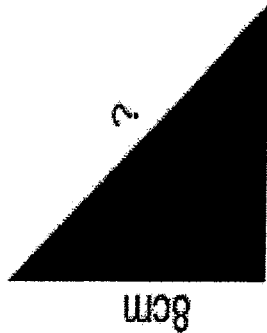
Surface Area

Find the surface area of these shapes



Applying Pythagoras

Use the Pythagoras formula to find the missing length of the right angle triangles. Show your work.



What is the area of each triangle? _____

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

