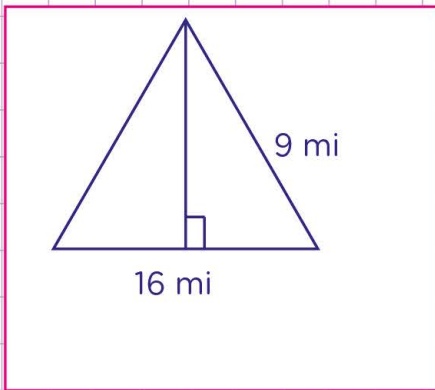


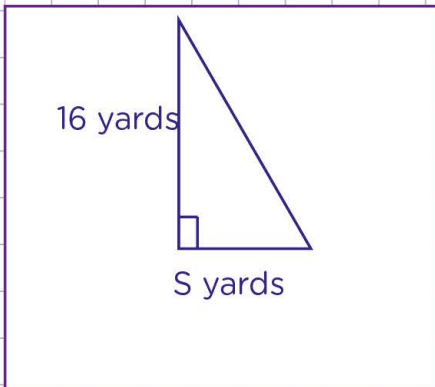
Name: ..... Class: .....

## Area of triangles.

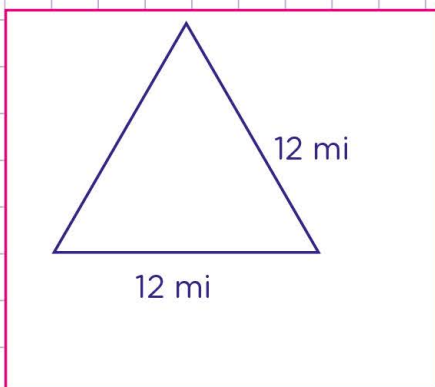
1. What is the area of the triangle below?



2. What is the value of S if the area of the triangle is 20 square yards?



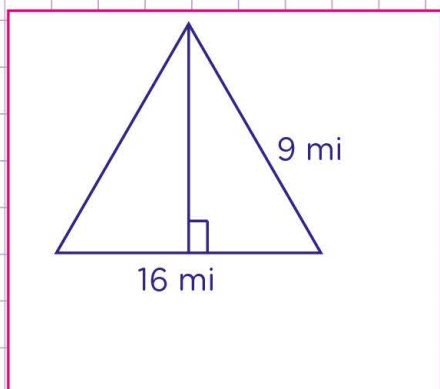
3. What is the area of the triangle below?



Name: ..... Class: .....

Area of triangles.

1. What is the area of the triangle below?



**Area of triangle =  $\frac{1}{2}$  base x height.**

Base = 16 miles.

Height = 9 miles.

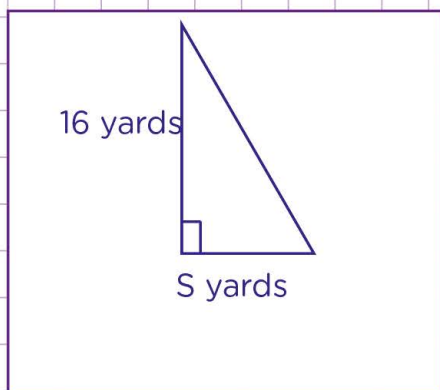
Using the formular above we have,

$$\frac{1}{2} \times 16 \times 9$$

$$8 \times 9 = 72 \text{ miles}$$

Therefore, the area is 72 square miles

2. What is the value of S if the area of the triangle is 20 square yards?



**Area of triangle =  $\frac{1}{2}$  base x height.**

Area = 20 square yards.

Base = S.

Height = 16 yards.

Using the formular above we have,

$$20 = \frac{1}{2} \times S \times 16$$

$$S = \frac{20 \times 2}{16}$$

$$S = \frac{40}{16} = \frac{5 \times 8}{2 \times 8}$$

$$S = 2.5 \text{ yards}$$

Therefore, S = 2.5 yards.