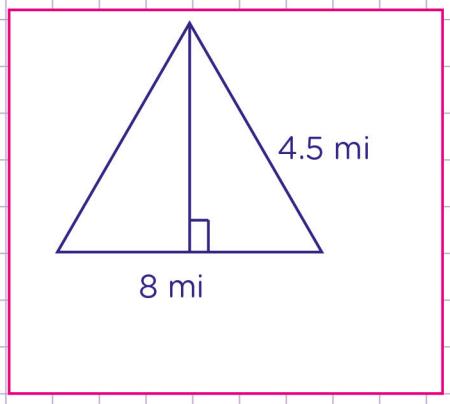
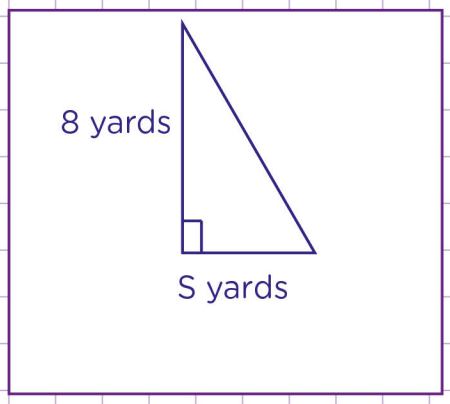
Name: ..... Class: .....

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 ?



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Solution

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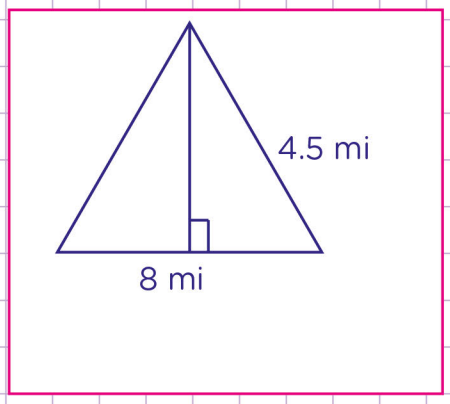
Name: ..... Class: .....

Area of triangles.

1. What is the area of the triangle below ?



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

Base = 8 miles

Height = 4.5 miles

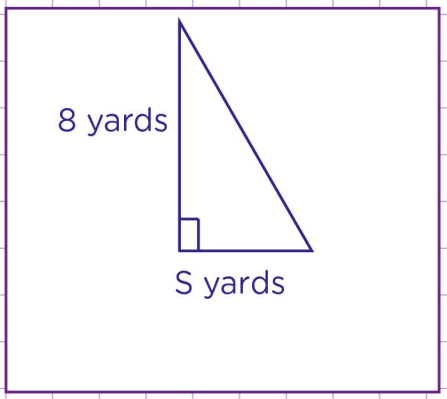
Using the formular above we have,

$\frac{1}{2}$ x 8 x 4.5

4 x 4.5 = 18 miles

Therefore, the area is 18 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 = 8 yards

Using the formular above we have,

$20 = \frac{1}{2} \times S \times 8$

$S = \frac{20 \times 2}{8}$

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

S = 5 yards

Therefore, S = 5 yards

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