

Name:		Class:		
	Area of trian	Area of triangles.		
What is the area of t	he triangle below?			
9 mi 16 mi				
What is the value of	S if the area of the triangl	e is 20 square vards?		
16 yards S yards				
What is the area of t	ne triangle below?			
/ 12 mi				
12 mi				





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Name:		
INGINE:	Class:	

Area of triangles.

9 mi
Base = Height
Using

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

Base = 16 miles. Height = 9 miles.

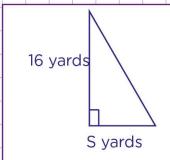
Using the formular above we have,

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

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

Therefore, the area is 72 square miles

2. What is the value of \$ 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.