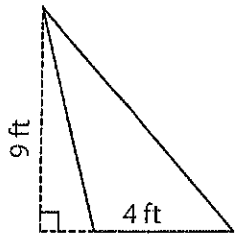
Name : _____

Area of a Triangle

T2L1S1

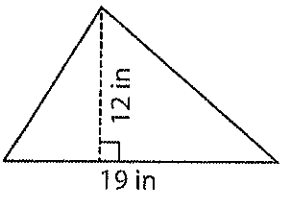
A) Find the area of each triangle.

1)



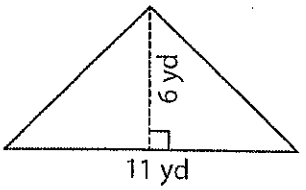
Area = _____

2)



Area = _____

3)



Area = _____

B) Find the area of each triangle for the given measurements.

4) base = 3 yd , height = 8 yd

Area = _____

5) base = 19 ft , height = 4 ft

Area = _____

6) base = 17 in , height = 10 in

Area = _____

7) base = 5 yd , height = 6 yd

Area = _____

8) The base and height of a triangle are 14 feet and 7 feet respectively. Determine the area of the triangle.

_____

9) Find the area of a triangle whose base is 11 inches and height is 16 inches.

_____

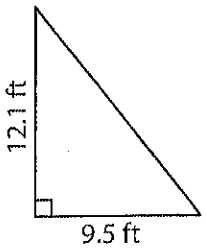
Name : _____

T2S1

Area of a Triangle

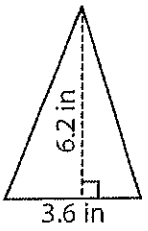
A) Find the area of each triangle. Round your answer to two decimal places.

1)



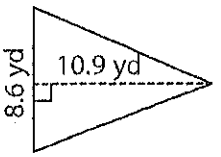
Area = _____

2)



Area = _____

3)



Area = _____

B) Find the area of each triangle for the given measurements. Round your answer to two decimal places.

4) base = 5.2 in , height = 3.3 in

Area = _____

5) base = 8.3 yd , height = 2.6 yd

Area = _____

6) base = 7.1 ft , height = 15.4 ft

Area = _____

7) base = 6.4 in , height = 4.1 in

Area = _____

8) The height of a triangle is 13.3 yards. What is the area of the triangle, if the base is 11.8 yards?

_____

9) Determine the area of a triangle, if the base and height of the triangle are 8.2 feet and 6.5 feet respectively.

_____

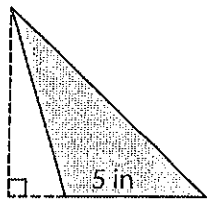
Name : _____

Triangle - Finding Base/Height

Sheet 1

A) Find the missing measure of each triangle. Round your answer to two decimal places.

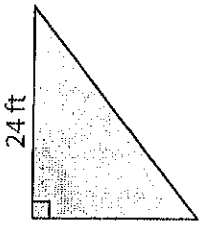
1)



Area = 15 in^2

height = _____

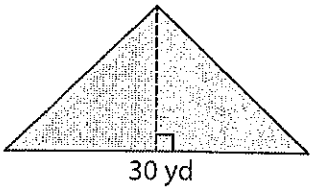
2)



Area = 217 ft^2

base = _____

3)



Area = 225 yd^2

height = _____

B) Find the missing measure of each triangle for the given measurements. Round your answer to two decimal places.

4) Area = 717 ft^2, height = 35 ft

base = _____

5) Area = 397 yd^2, base = 15 yd

height = _____

6) Area = 192 yd^2, base = 12 yd

height = _____

7) Area = 312 in^2, height = 24 in

base = _____

8) The area of a triangle is 561 square inches. Determine the height of the triangle, if the base is 51 inches.

_____

9) Find the base of a triangle whose area is 357 square feet and the height is 17 feet.

_____

Practice Problems

Part A)

1) What is the area of a triangle that has a base of 4" and a height of 10"?

2) What is the area of a triangle that has a base of 12' and a height of 4'?

3) What is the area of a triangle that has a base of 18' and a height of 9'?

Part B)

4) The area of a triangle is 22 in^2 and its base is 2, what is the length of its height?

5) A triangle has a height of 6 in and its area is 30 in^2, what is the length of its base?

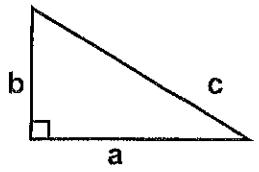
6) A triangle has a height of 12 in and its area is 96 in^2, what is the length of its base?

Name : _____ Score : _____

Teacher : _____ Date : _____

Identify and Calculate the Area and Perimeter for each Triangle.

1)



a = 8.6 yds b = 5.2 yds

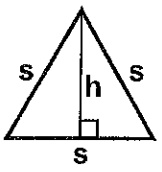
c = 10.05 yds

Area: _____

Perimeter: _____

Type: _____

2)



s = 5.9 yds

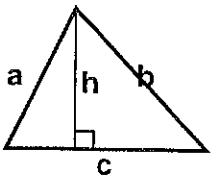
h = 5.1 yds

Area: _____

Perimeter: _____

Type: _____

3)



a = 6.26 inches b = 7.64 inches

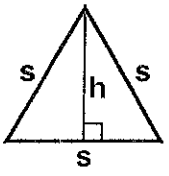
c = 8 inches h = 5.6 inches

Area: _____

Perimeter: _____

Type: _____

4)



s = 6.1 ft

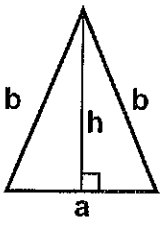
h = 5.3 ft

Area: _____

Perimeter: _____

Type: _____

5)



a = 6 cm b = 8.3 cm

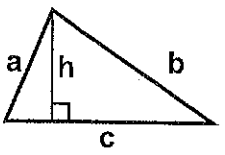
h = 7.5 cm

Area: _____

Perimeter: _____

Type: _____

6)



a = 4.78 cm b = 7.8 cm

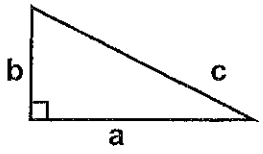
c = 8.3 cm h = 4.4 cm

Area: _____

Perimeter: _____

Type: _____

7)



a = 8.8 inches b = 4.5 inches

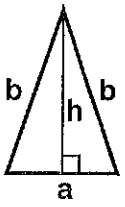
c = 9.88 inches

Area: _____

Perimeter: _____

Type: _____

8)



a = 4.4 mm b = 7.5 mm

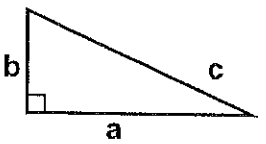
h = 6.9 mm

Area: _____

Perimeter: _____

Type: _____

9)



a = 9 mm b = 4.1 mm

c = 9.89 mm

Area: _____

Perimeter: _____

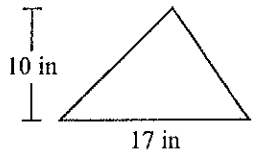
Type: _____

Finding Area of Triangles

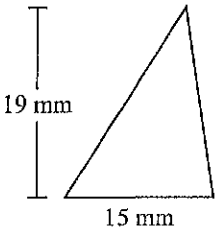
Name:

Find the area of each triangle. Units are not to scale.

1)



2)



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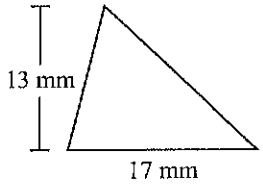
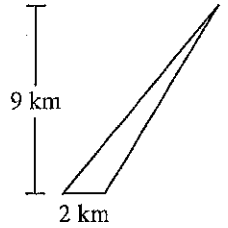
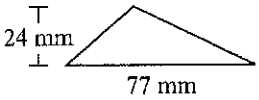


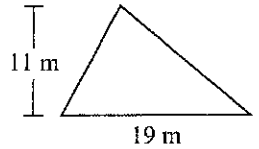
4)



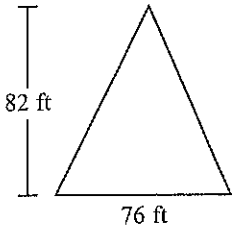
5)



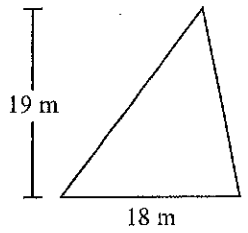
6)



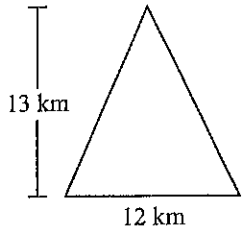
7)



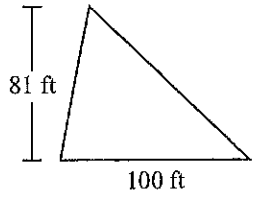
8)



9)



10)



Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0