

## Perimeter and Area

## Topic: Area of Triangle

Name: Date: 

1. Find the area in  $\text{cm}^2$  of a triangle whose base = 18cm & altitude = 3.5cm

  $\text{cm}^2$ 

2. Find the area in  $\text{cm}^2$  of a triangle whose base = 8dm & altitude = 15cm

 m

3. Find the altitude of a triangle whose area is  $42 \text{ cm}^2$  and base is 12 cm.

 cm

4. The area of a triangle is  $50 \text{ cm}^2$ . If the altitude is 8 cm, what is its base?

5. Find the area of a right angled triangle whose sides containing the right angle are of lengths 20.8 m and 14.7 m.

  $\text{m}^2$ 

6. The area of a triangle, whose base and the corresponding altitude are 15 cm and 7 cm, is equal to area of a right triangle whose one of the sides containing the right angle is 10.5 cm. Find the other side of this triangle.

 cm

7. A rectangular field is 48 m long and 20 m wide. How many right triangular flower beds, whose sides containing the right angle measure 12 m and 5 m can be laid in this field?

8. Find the area of a triangle whose altitude and base are 12 cm and 7 cm, respectively.

  $\text{cm}^2$ 

9. Find the area of the triangle whose height is 34 cm and the base is 1/4th the length of the height.

  $\text{cm}^2$ 

10. The area of a triangle is  $32\text{cm}^2$ . If height = 4cm, what is its base?

 cm