

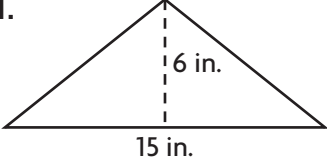
Name _____

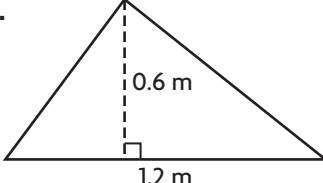
Area of Triangles

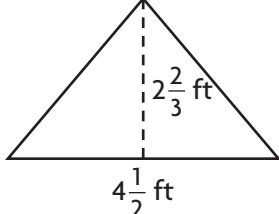


COMMON CORE STANDARD—6.G.1
Solve real-world and mathematical problems involving area, surface area, and volume.

Find the area.

1.  $A = \frac{1}{2}bh$
 $A = \frac{1}{2} \times 15 \times 6$
 $A = 45$
Area = 45 in.²

2.  _____

3.  _____

Find the unknown measurement for the triangle.

4. $A = 0.225 \text{ mi}^2$
 $b = 0.6 \text{ mi}$
 $h = \square$

5. $A = 4.86 \text{ yd}^2$
 $b = \square$
 $h = 1.8 \text{ yd}$

6. $A = 63 \text{ m}^2$
 $b = \square$
 $h = 12 \text{ m}$

7. $A = 2.5 \text{ km}^2$
 $b = 5 \text{ km}$
 $h = \square$

Problem Solving 

8. Bayla draws a triangle with a base of 15 cm and a height of 8.5 cm. If she colors the space inside the triangle, what area does she color?

9. Alicia is making a triangular sign for the school play. The area of the sign is 558 in.². The base of the triangle is 36 in. What is the height of the triangle?
