

# Math 6 - Unit 5: Area and Volume

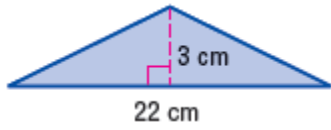
Finding the area of triangles, trapezoids and parallelograms

Name: \_\_\_\_\_

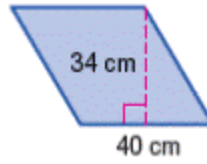
Class Period: 1 2 3 4 Date: \_\_\_\_\_

Find the area of each shape.

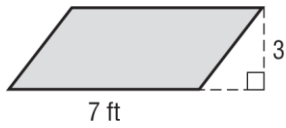
1.



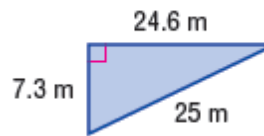
2.



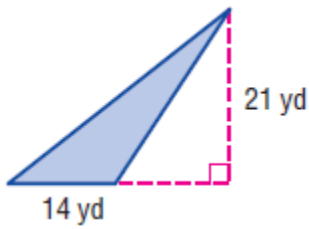
3.



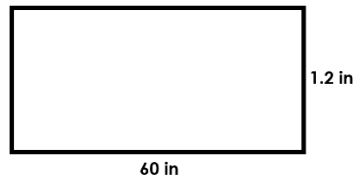
4.



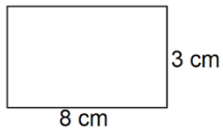
5.



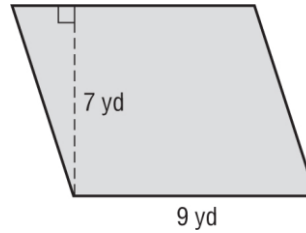
6.



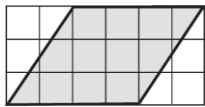
7.



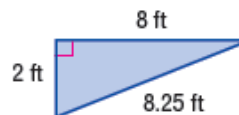
8.



9.



10.



Area

**Find the missing measure of each figure. Don't forget to label your answer with correct units.**

**11. Triangle:**

base, 6 ft  
area, 9 ft<sup>2</sup>  
height \_\_\_\_\_

**12. Triangle:**

base, 4 in  
area, 14 in<sup>2</sup>  
height \_\_\_\_\_

**13. Parallelogram:**

height, 7 m  
area, 49 m<sup>2</sup>  
base \_\_\_\_\_

**14. Rectangle:**

height, 8 cm  
area, 64 cm<sup>2</sup>  
base \_\_\_\_\_

**15. Parallelogram:**

base, 15 mm  
height, 21 mm  
area \_\_\_\_\_

**16. Square:**

area, 25 in<sup>2</sup>  
side \_\_\_\_\_

**17. Rectangle:**

base, 12 m  
height, 6 m  
area \_\_\_\_\_

**18. Triangle:**

height, 2.5 cm  
area, 20 cm<sup>2</sup>  
base \_\_\_\_\_

**19. Parallelogram:**

base, 30 ft  
area, 90 ft<sup>2</sup>  
height \_\_\_\_\_

**20. Triangle:**

height, 18 in  
base, 13 in  
area \_\_\_\_\_

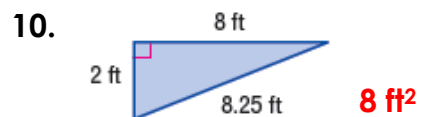
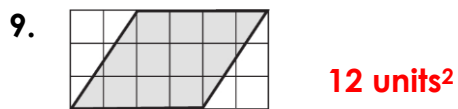
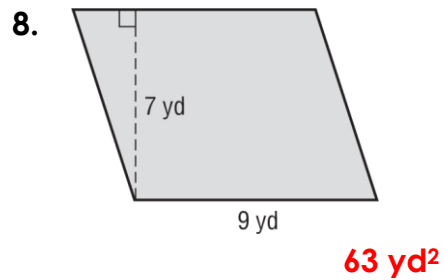
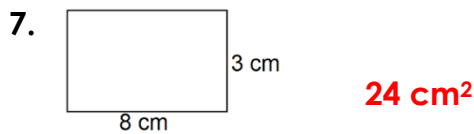
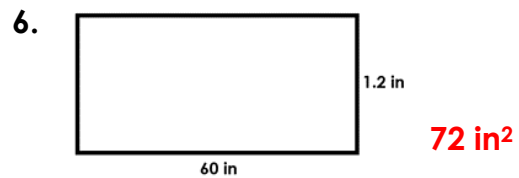
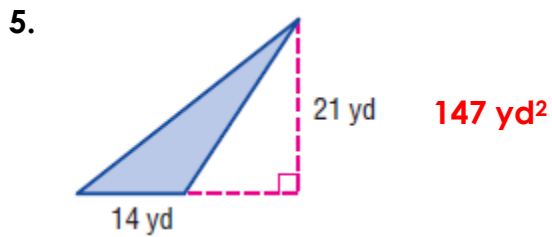
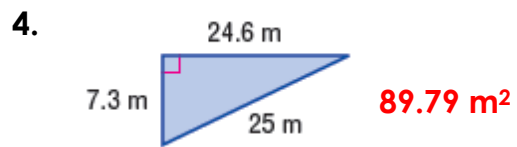
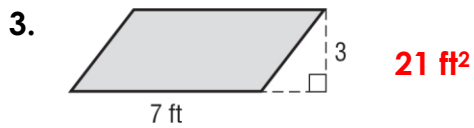
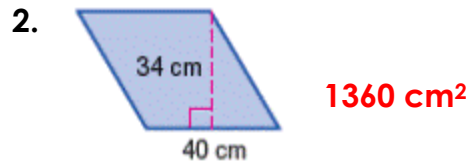
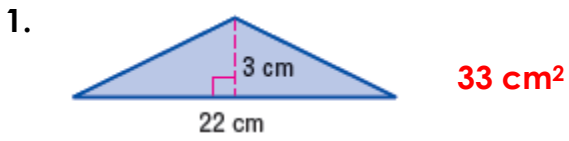
# Math 6 - Unit 5: Area and Volume

Finding the area of triangles, trapezoids and parallelograms **ANSWER KEY**

Name: \_\_\_\_\_

Class Period: 1 2 3 4 Date: \_\_\_\_\_

Find the area of each shape.



**Find the missing measure of each figure. Don't forget to label your answer with correct units.**

**11. Triangle:**

base, 6 ft  
area, 9 ft<sup>2</sup>  
height **3 ft**

**12. Triangle:**

base, 4 in  
area, 14 in<sup>2</sup>  
height **7 in**

**13. Parallelogram:**

height, 7 m  
area, 49 m<sup>2</sup>  
base **7 m**

**14. Rectangle:**

height, 8 cm  
area, 64 cm<sup>2</sup>  
base **8 cm**

**15. Parallelogram:**

base, 15 mm  
height, 21 mm  
area **315 mm<sup>2</sup>**

**16. Square:**

area, 25 in<sup>2</sup>  
side **5 in**

**17. Trapezoid:**

base, 12 m  
height, 6 m  
area **72 m<sup>2</sup>**

**18. Triangle:**

height, 2.5 cm  
area, 20 cm<sup>2</sup>  
base **16 cm**

**19. Parallelogram:**

base, 30 ft  
area, 90 ft<sup>2</sup>  
height **3 ft**

**20. Triangle:**

height, 18 in  
base, 13 in  
area **107 in<sup>2</sup>**