

Area or Rectangles, Squares
Parallelograms, Triangles, and Trapezoids

Name _____

Period _____

Due Date _____

Make Sure All Answers are LABELED!

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

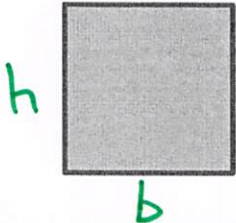
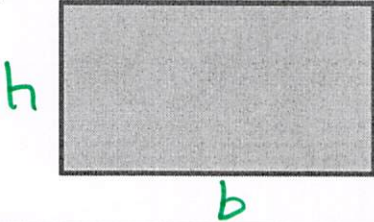
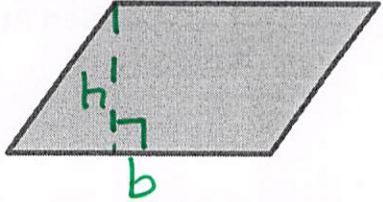
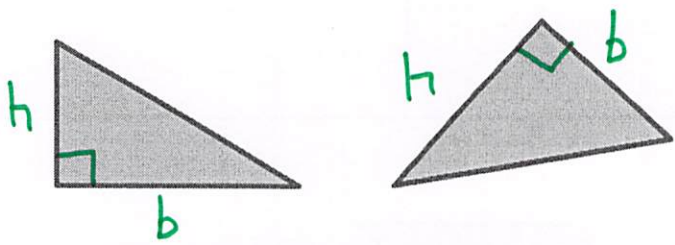
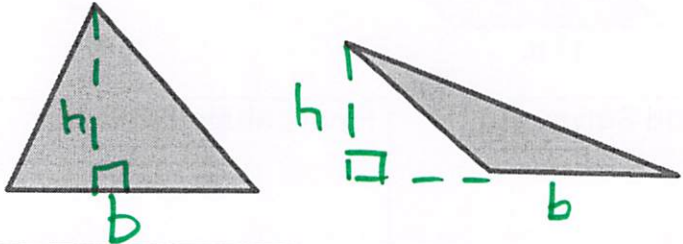
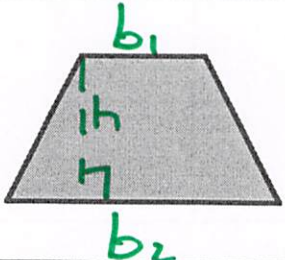
15. _____

16. _____

17. _____

18. _____

Area of Rectangles, Squares, Parallelograms, Triangles, and Trapezoids

Shape	Area Formula
Square: 	$A = b \cdot h$ $A = s^2 \leftarrow s = \text{side length}$
Rectangle: 	$A = b \cdot h$
Parallelogram: 	$A = b \cdot h$
Right Triangle: 	$A = \frac{b \cdot h}{2}$
Acute and Obtuse Triangles: 	$A = \frac{b \cdot h}{2}$
Trapezoid 	$A = \frac{h \cdot (b_1 + b_2)}{2}$

1

Find the Area of the Square

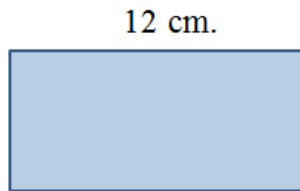


4 in.

Formula and List of Values:	Substitution and Solve:	Final Labeled Answer:

2

Find the Area of the Rectangle



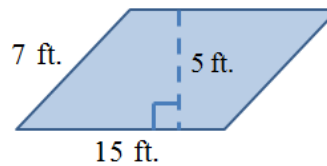
12 cm.

8 cm.

Formula and List of Values:	Substitution and Solve:	Final Labeled Answer:

3

Find the Area of the Parallelogram

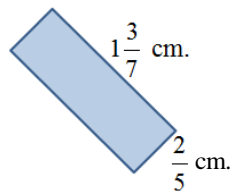


7 ft.

5 ft.

15 ft.

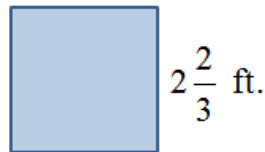
Formula and List of Values:	Substitution and Solve:	Final Labeled Answer:

4**Find the Area of the Rectangle**
No Calculator

Formula and List of Values:

Substitution and Solve:

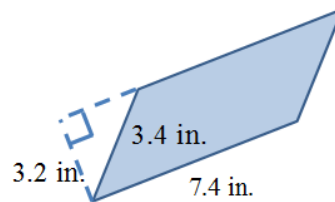
Final Labeled Answer:

5**Find the Area of the Square**
No Calculator

Formula and List of Values:

Substitution and Solve:

Final Labeled Answer:

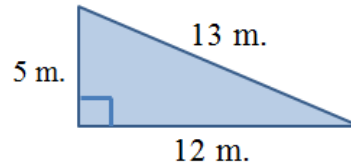
6**Find the Area of the Parallelogram**

Formula and List of Values:

Substitution and Solve:

Final Labeled Answer:

7 Find the Area of the Triangle

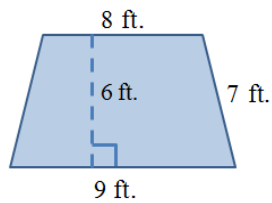


Formula and List of Values:

Substitution and Solve:

Final Labeled Answer:

8 Find the Area of the Trapezoid

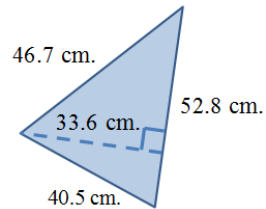


Formula and List of Values:

Substitution and Solve:

Final Labeled Answer:

9 Find the Area of the Triangle

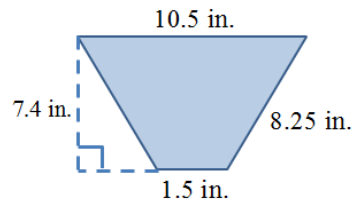


Formula and List of Values:

Substitution and Solve:

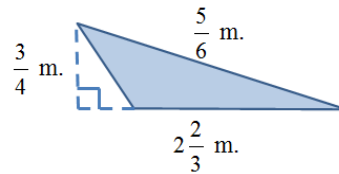
Final Labeled Answer:

10 Find the Area of the Trapezoid



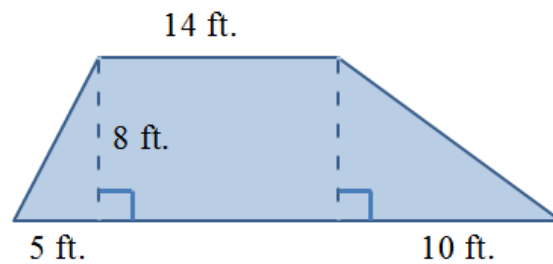
Formula and List of Values:	Substitution and Solve:	Final Labeled Answer:

**11 Find the Area of the Triangle
No Calculator**



Formula and List of Values:	Substitution and Solve:	Final Labeled Answer:

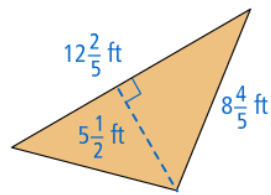
12 Find the Area of the Trapezoid



Formula and List of Values:	Substitution and Solve:	Final Labeled Answer:

13

Find the Area of the Triangle
No Calculator



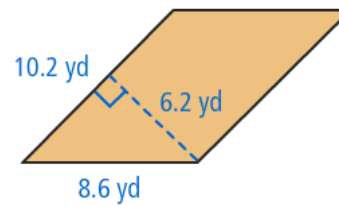
Formula and List of Values:

Substitution and Solve:

Final Labeled Answer:

14

Find the Area of the Parallelogram



Formula and List of Values:

Substitution and Solve:

Final Labeled Answer:

15

Find the **Height** of a Rectangle with an Area of 105 cm^2 and a Base of 15 cm.

Formula and List of Values:

Substitution and Solve:

Final Labeled Answer:

16 Find the **Side Length** of a Square with an Area of 225 ft².

Formula and List of Values:	Substitution and Solve:	Final Labeled Answer:

17 Find the **Base** of a Rectangle with an Height of $\frac{3}{5}$ m. and an Area of $2\frac{4}{7}$ m²

No Calculator

Formula and List of Values:	Substitution and Solve:	Final Labeled Answer:

18 Find the **Height** of a Triangle with an Area of 24 in² and a Base of 4 in.

Formula and List of Values:	Substitution and Solve:	Final Labeled Answer: