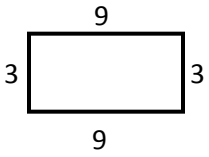
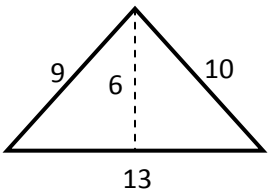
Geometry SHOW WORK Name_____

10-1 worksheet A Rectangle: $A = l \cdot w$ Triangle: $A = \frac{1}{2} \cdot b \cdot h$ Parallelogram: $A = b \cdot h$

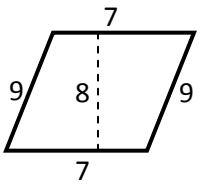
Find the area of each figure.

1. 

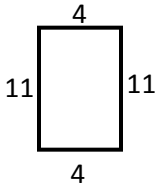
A = _____

2. 

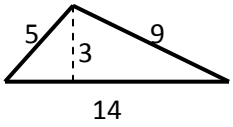
A = _____

3. 

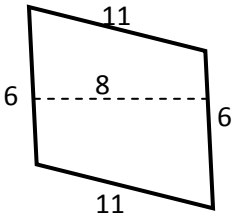
A = _____

4. 

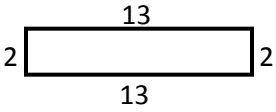
A = _____

5. 

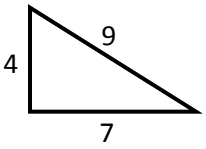
A = _____

6. 

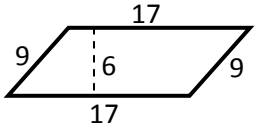
A = _____

7. 

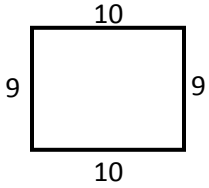
A = _____

8. 

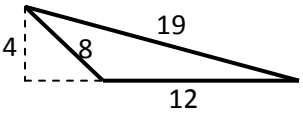
A = _____

9. 

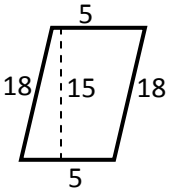
A = _____

10. 

A = _____

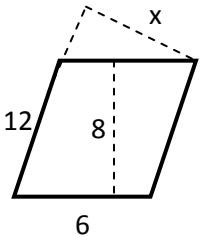
11. 

A = _____

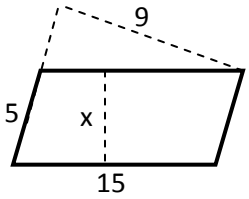
12. 

A = _____

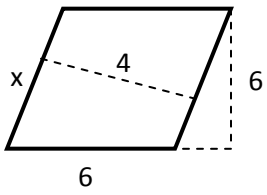
Find the value of x for each parallelogram.

13. 

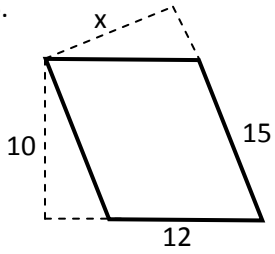
x = _____

14. 

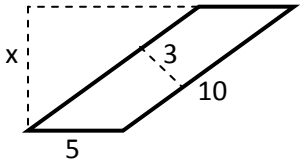
x = _____

15. 

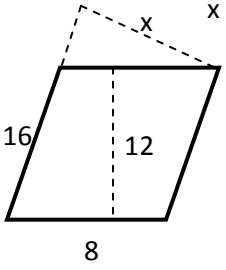
x = _____

16. 

x = _____

17. 

x = _____

18. 

x = _____

Geometry SHOW WORK Name_____

10-1 worksheet B Rectangle: $A = l \cdot w$ Triangle: $A = \frac{1}{2} \cdot b \cdot h$ Parallelogram: $A = b \cdot h$

19. A rectangle's length and width have a ratio 3:5. Its area is 540. Find the length and width.

length = _____ width = _____

20. A triangle's base and height have a ratio of 2:3. Its area is 48. Find the base and height.

base = _____ height = _____

21. A parallelogram's base and height have a ratio of 5:9. Its area is 405. Find the base and height.

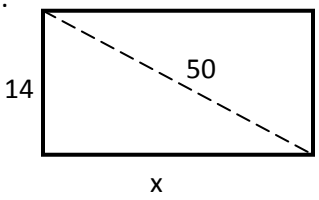
base = _____ height = _____

22. A triangle's base and height have a ratio of 4:7. Its area is 350. Find the base and height.

base = _____ height = _____

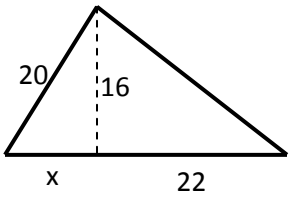
Find the area of each figure. Remember Pythagorean Theorem: $a^2 + b^2 = c^2$

23.



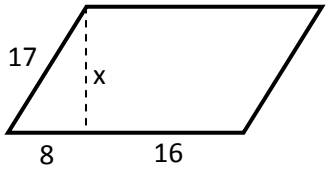
A = _____

24.



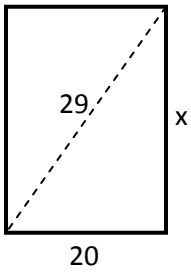
A = _____

25.



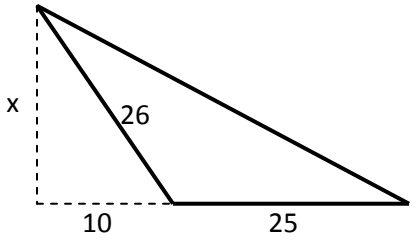
A = _____

26.



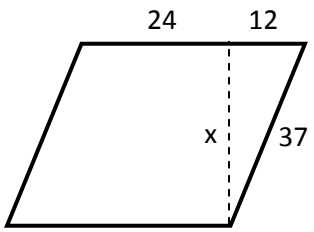
A = _____

27.



A = _____

28.



A = _____