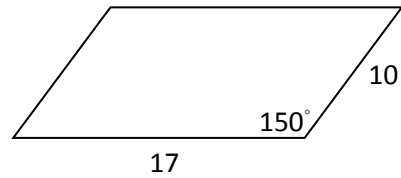


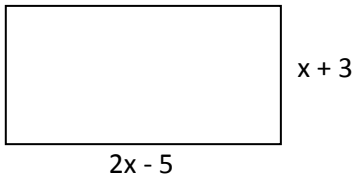
10.1 STUDY GUIDE

1. Find the area of an isosceles triangle with sides 39, 39 and 30.

2. Find the area of the parallelogram.

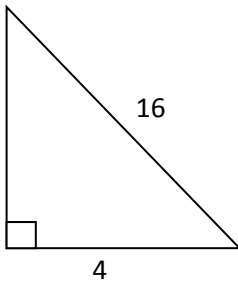


3. Find the perimeter and area of the rectangle.

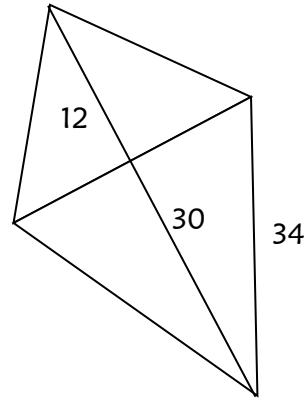


4. Find the area of a trapezoid whose bases measure 6 in and 14 in, and the altitude is 7 in.

5. Find the area.



6. Find the area of the kite.



7. Find the area of a rhombus whose perimeter is 52 and the longer diagonal is 24.

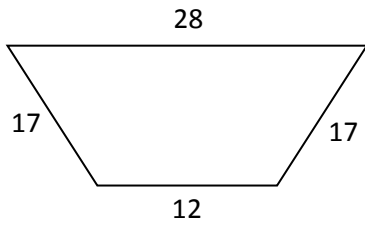
8. Find the area of a kite with sides 25, 25, 51, 51, and The shorter diagonal is 48.

9. Find the area of the parallelogram.

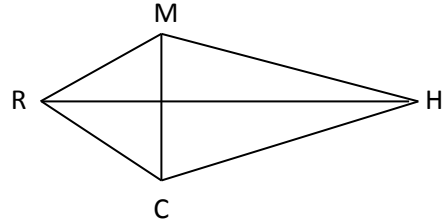


10. Find the height of a triangle in which the base is 14 cm and the area is 77 cm^2 .

11. Find the area of the trapezoid.



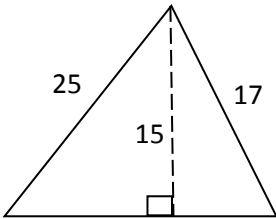
12. Find the area of a kite given $\angle MRC$ is a right angle, $MC = 18$ and $MH = 15$.



13. Find the area of a rhombus if $d_1 = (6x - 8)$ and $d_2 = (11x + 3)$.

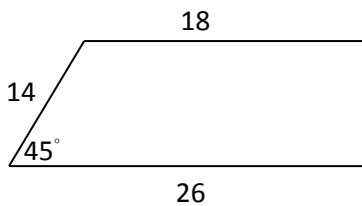
14. If the area of a kite is 168 in^2 and $d_1 = 16$, what is d_2 ?

15. Find the area.



16. Find the base of a rectangle in which the area is 204 m^2 and the height is 17 m.

17. Find the area.



18. Find the median of a trapezoid if the bases are 9 and 13, and the height is 5. Then find the area.

19. Find b_1 of a trapezoid in which $A = 18x^2$, $b_2 = 3x$ and $h = 6x$.

20. Find the area of a rhombus if one diagonal measures 14 ft and the other measures 19 ft.

21. Find the area of an equilateral triangle with a perimeter of 24 cm.

Look back on notes, homework, and other activities!!