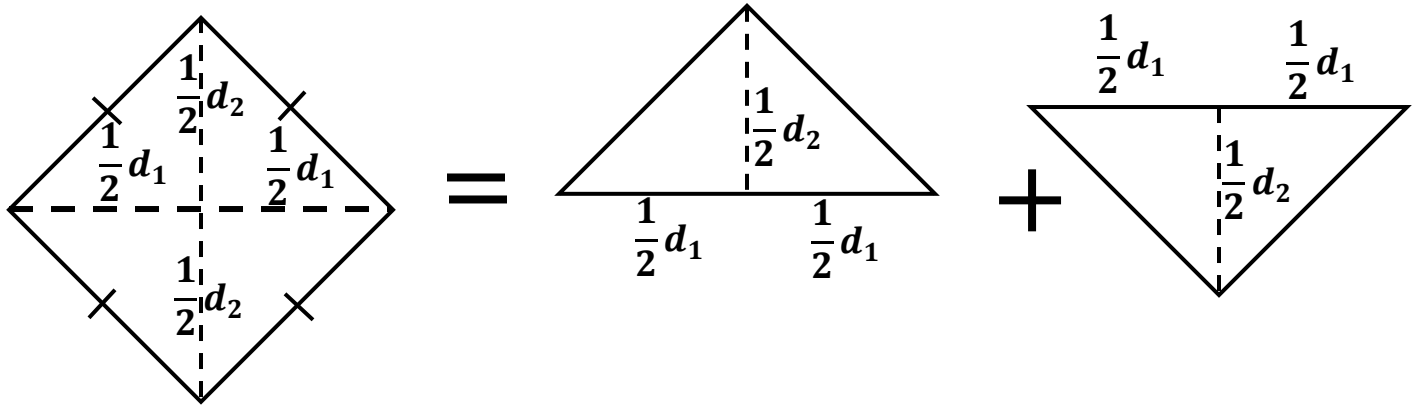
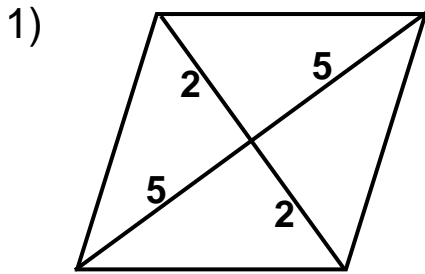


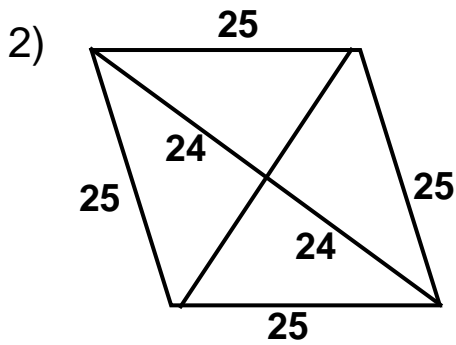
TOPIC 12-3: AREA & PERIMETER OF RHOMBI, KITES & TRAPEZOIDS



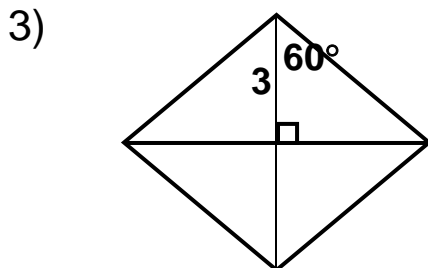
Rhombi Examples:



Area = _____
 Perimeter = _____



Area = _____
 Perimeter = _____

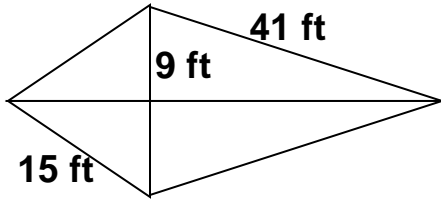


Area = _____
 Perimeter = _____

The area of a kite is the same as the area of a rhombus...

Kite Examples:

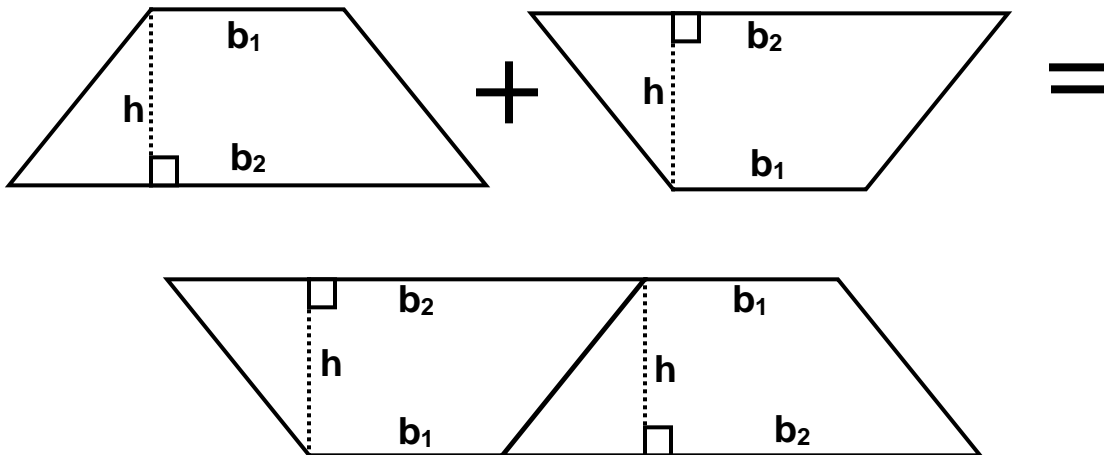
4)



Area = _____

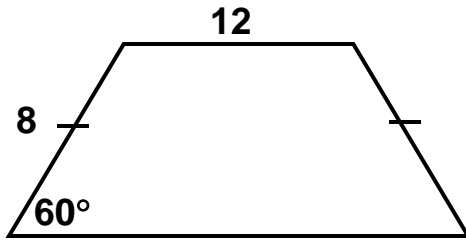
Perimeter = _____

5) A kite has an area of 48 cm^2 . If the length of one diagonal is 16 cm, find the length of the other diagonal.



Trapezoid Examples:

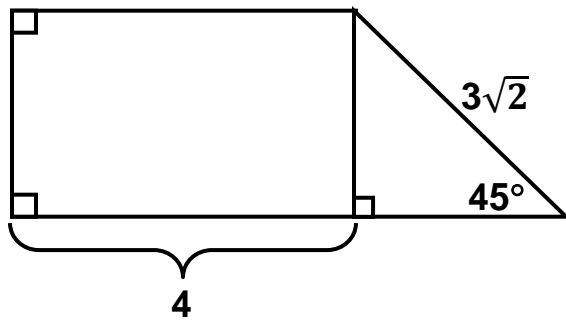
6)



Area = _____

Perimeter = _____

7)



Area = _____

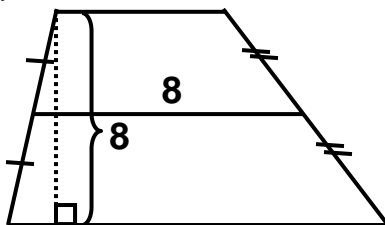
Perimeter = _____

Recall that the length of a median is:

An alternate way to find the area of a trapezoid is to find the product of the median and the height, or

$$A_{\text{Trapezoid}} = (\text{median})(\text{height})$$

8)



Area = _____

9) A trapezoid has an area of 7 cm^2 and a height of 5 cm. How long is the median?

10) Find the area of the rhombus on the grid below.

