

GEOMETRY TEST -- Bowman

Identify the figure with its name



☐ Acute angle

☐ Parallel lines

☐ Obtuse angle

☐ Ray

☐ Perpendicular lines

☐ Line

What shape is being defined?

7 2 sets of parallel lines

11 1 set of parallel lines

8 2 sets parallel lines
equilateral

12 2 sets parallel lines
equilateral and equilateral

9 3 sides
90 degree angle

13 3 sides
no sides same length

10 3 sides
all sides the same length

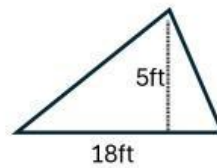
14 3 sides
all angles less than 90 degrees

Find the area of the following shapes



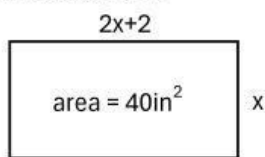
$A = \boxed{} \text{ in}^2$

16

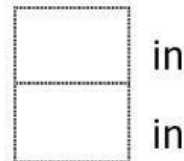


$A = \boxed{} \text{ ft}^2$

17) Find the deminsions (length AND width) of a rectangle that has an area of 40 inches^2 and the length is 2 more than twice the width.

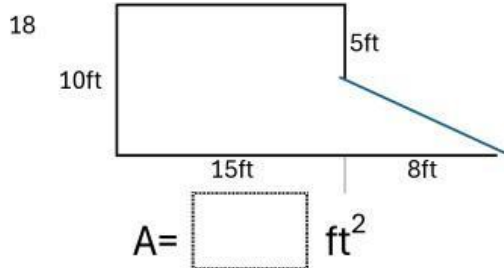


Length (longer) =

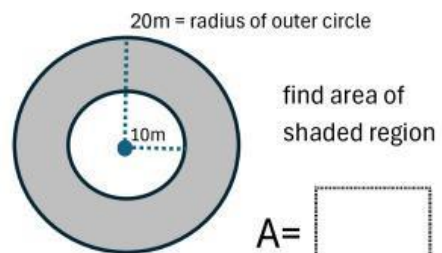


Width (shorter) =

Find the area of the compound shapes

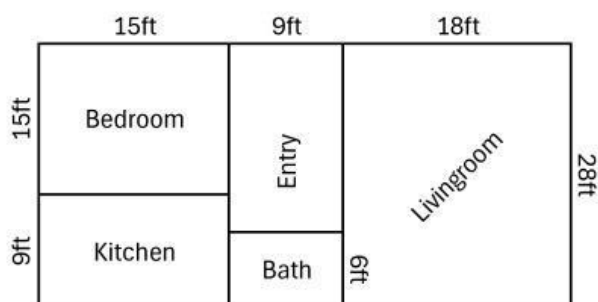


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$A = \boxed{} \text{ m}^2$

20 Broden has decided he wants to redo the flooring in his house. He wants carpet in the living room and bedroom and tile in the entry way, bathroom and kitchen. How much of each flooring does he need?



Carpet needed $\boxed{} \text{ ft}^2$

Tile needed $\boxed{} \text{ ft}^2$