GRADE 7 MATH · CLASSWORK · ADVANCED

Find the Area of Composite Figures

SCORE / 25

01 Part A · Practice

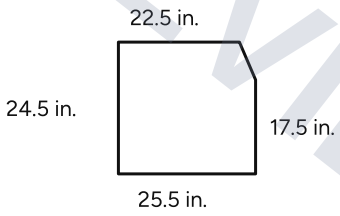
Split a composite figure into rectangles, triangles, and circle parts; add (or subtract) their areas.

EXAMPLE

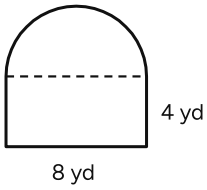
A figure is a 10 m by 6 m rectangle with a triangle on top (base 10 m, height 4 m). Find its area.

1. Rectangle: $10 \times 6 = 60$ m^2.
2. Triangle: $\frac{1}{2} \times 10 \times 4 = 20$ m^2.
3. Total: $60 + 20 = 80$ m^2.

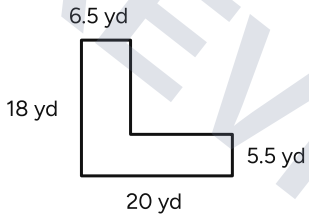
1 ●○○ Find the area. (A right triangle was cut off one corner of a rectangle.)



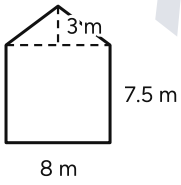
2 ●○○ Find the area of the figure: a rectangle with a semicircle on top. Use 3.14 for π.



3 ●○○ Find the area of the composite figure.



4 ●○○ Find the area of the figure (a rectangle and a triangle).



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Preview - the full worksheet and its answer key are at primeworksheet.com