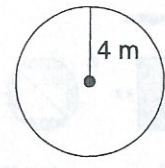
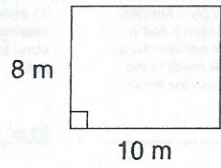
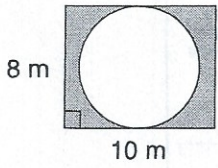


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LESSON 8-6 Challenge
Part of the Picture

You can add or subtract to find the area of a shaded region.



Find the area of the rectangle.
 $A = lw = 10 \cdot 8 = 80 \text{ m}^2$

Find the area of the circle.
 $A = \pi r^2 = \pi \cdot 4^2 \approx 50.24 \text{ m}^2$

The shaded area $\approx 80 \text{ m}^2 - 50.24 \text{ m}^2 \approx 29.76 \text{ m}^2 \approx 29.8 \text{ m}^2$.

Add or subtract to find the area of the shaded region.
Round your answer to the nearest tenth.

