Practice 3-4
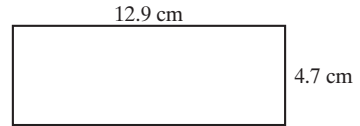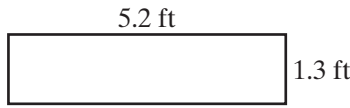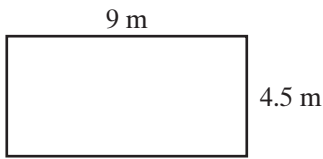
Using Formulas

Use the formula $P = 2l + 2w$. Find the perimeter of each rectangle.

1. _____ **2.** _____ **3.** _____

9 m
4.5 m

5.2 ft
1.3 ft

12.9 cm
4.7 cm

Use the formula $A = lw$. Find the area of each rectangle above.

4. _____ **5.** _____ **6.** _____

7. Use the formula $d = rt$ to find how far each animal in the table can travel in 5 seconds.

Animal	Speed (ft/s)	Distance in 5 s (ft)
Pronghorn antelope	89.5	
Wildebeest	73.3	
Gray fox	61.6	
Wart hog	44.0	
Wild turkey	22.0	
Chicken	13.2	

8. While vacationing on the Mediterranean Sea, Angie recorded the temperature several times during a 24-hour period. She used a thermometer in the lobby of her hotel. It was a beautiful day. Use the formula $F = 1.8C + 32$ to change the temperatures Angie recorded from Celsius to Fahrenheit.

Time	Temperature (°C)	Temperature (°F)
4:00 A.M.	19	
8:00 A.M.	22	
12:00 P.M.	30	
4:00 P.M.	28	
8:00 P.M.	24	
12:00 A.M.	20	