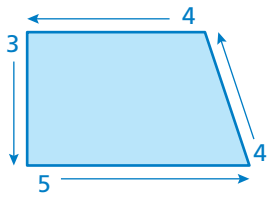
REVIEW: Perimeter

Name _____

Key Concept and Vocabulary

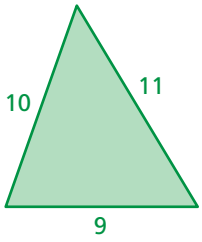


Perimeter = 3 + 5 + 4 + 4 = 16

Visual Model

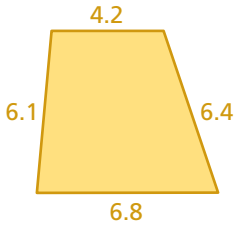
Perimeter = 10 + 9 + 11

= 30



Skill Examples

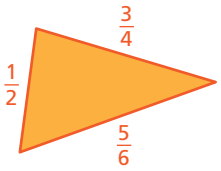
1.



$P = 6.1 + 6.8 + 6.4 + 4.2$

$= 23.5$

2.

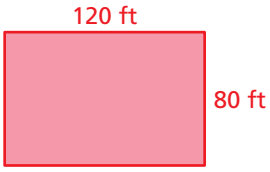


$P = \frac{1}{2} + \frac{5}{6} + \frac{3}{4}$

$= \frac{25}{12}$

Application Example

3. Find the length of fence needed to enclose the lot.



$P = 2(80) + 2(120)$

$= 160 + 240$

$= 400$

∴ You need 400 feet of fence.

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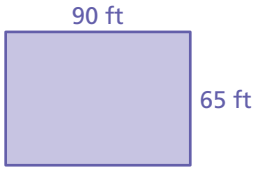
Check your answers at BigIdeasMath.com.

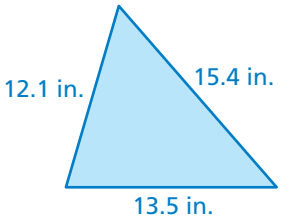
Find the perimeter of the figure.

4.



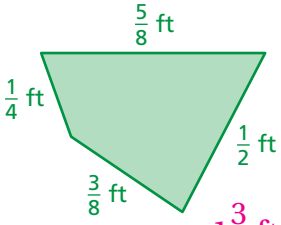
Perimeter = 310 ft

5.



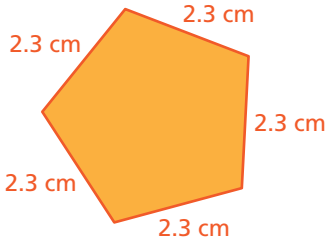
Perimeter = 41 in.

6.



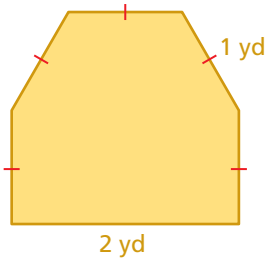
Perimeter = $1\frac{3}{4}$ ft

7.



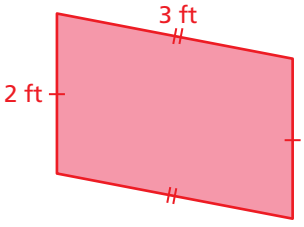
Perimeter = 11.5 cm

8.



Perimeter = 7 yd

9.



Perimeter = 10 ft

10. RIBBON You are wrapping a ribbon around a rectangular box that is 18 inches long and 12 inches wide. What is the minimum amount of ribbon you need? 60 in.

11. COUNTY LINE A county has the shape of a quadrilateral. The lengths of the four sides are 109 miles, 94 miles, 82 miles, and 109 miles. Find the perimeter of the county. 394 mi