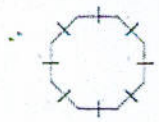
ALGEBRA Find the length of each side of the polygon for the given perimeter.

15. P = 104 millimeters

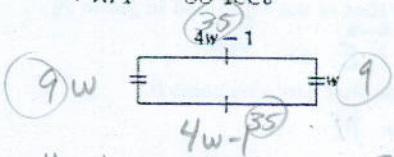


$\frac{104}{8} = 13_{mm}$

16. P = 84 kilometers

$\frac{84}{3} = 28\,km$

17. P = 88 feet



$4w-1+w+4w-1+w = 88$

$10w - 2 = 88$

$+2 \quad +2$

$10w = 90$

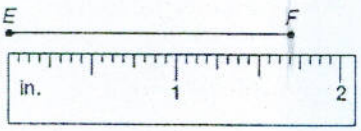
$w = 9$

$4(9)-1$

$36-1 = 35$

Find the length of each line segment or object.

18.

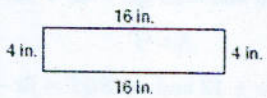


1 11/16 inches

19

4.2 cm

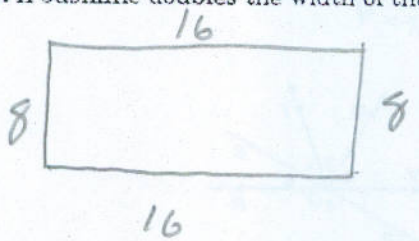
SEWING For Exercises 20-21 use the following information.
Jasmine plans to sew fringe around the scarf shown in the diagram.



20. How many inches of fringe does she need to purchase?

16+4+16+4 = 40 inches

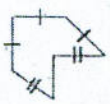
21. If Jasmine doubles the width of the scarf, how many inches of fringe will she need?



16+16+8+8 = 48 in

Name each polygon by its number of sides and then classify it as *convex* or *concave* and *regular* or *irregular*.

22.



Hexagon
Concave
Irregular

23

Nanagon
Convex
Regular

24.

Quadrilateral
Convex