

4A Generate formulas involving conversions, perimeter, area, circumference, volume

1. Gabriel planted a square-shaped garden. If the perimeter of the garden is 18 feet, how long is one side?
 - A 4 ft.
 - B 4.5 ft.
 - C 6.5 ft.
 - D 9 ft.

2. Valerie wants to fill a shoebox with photos. If the area of the box's base is 60 sq. in., what else will Valerie need to know to find the volume of the box?
 - A The perimeter of the base
 - B The height of the box
 - C The length of the base
 - D The weight of the box

3. Rene painted a picture and wanted to make a frame. If the area of the picture is 24 square inches and the length is 6 inches, what is the perimeter?
 - A 10 in.
 - B 20 in.
 - C 24 in.
 - D 36 in.

4. Jill ran around a circular track 5 times. If the diameter of the track is 20 m, which is a reasonable approximate of the distance she ran?
 - A 60 m
 - B 120 m
 - C 300 m
 - D 450 m