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Area and Perimeter
Word Problems
(4.MD.3)

Directions: Solve the following word problem using numbers, pictures (model drawings), and words. ☺

Tsai Lien was building a garden in her backyard. She needs to know how much fence she needs and how much soil to put in her garden. What is the perimeter and area of her garden?

1 square ft

of garden

Key

9 ft

5 ft								
		2 ft	4 ft					8 ft
2 ft				5 ft				

3ft

KEY

P= 5ft + 9ft + 8ft + 3ft + 5ft +

  4ft +2ft + 2ft = 38ft

P= 38ft

A= l x w

a. 5ft x 2ft = 10 sq ft

b. 4ft x 3ft =12 sq ft

c. 8ft x 3ft = 24 sq ft

10 sq ft + 12 sq ft + 24 sq ft =

46 sq ft

A= 46 sq ft