



Perimeter of Squares

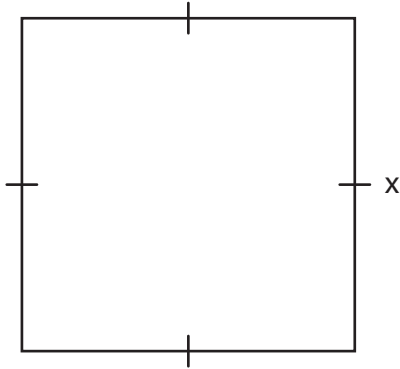
Name _____

Score _____

PS:22

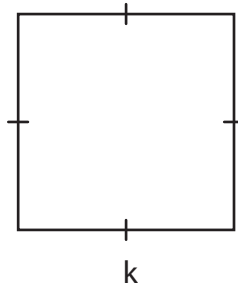
Find the value of each variable.

1) Perimeter = 32 in



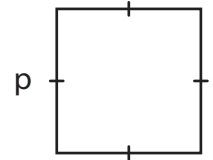
x = _____

2) Perimeter = 20 yd



k = _____

3) Perimeter = 14 ft



p = _____

Find the side length of each square and write it in the arrow indicated.

| Perimeter of Squares | Side Length of Squares |
|----------------------|------------------------|
| 80 yd | |
| 60 in | |
| 6 ft | |
| 16 in | |
| 36.8 yd | |

Diagram showing connections between perimeter values and side length boxes:

- 80 yd connects to the 4th side length box (16 in).
- 60 in connects to the 1st side length box (80 yd).
- 6 ft connects to the 2nd side length box (60 in).
- 16 in connects to the 3rd side length box (6 ft).
- 36.8 yd connects to the 5th side length box (36.8 yd).



Perimeter of Squares

Name _____

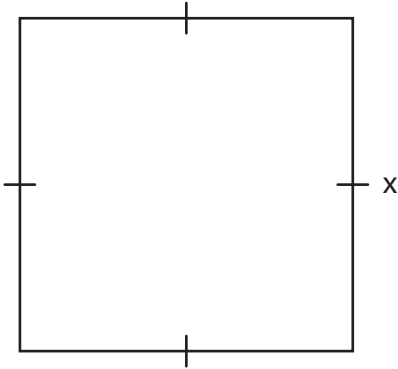
Score _____

Answer key

PS:22

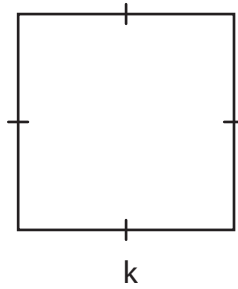
Find the value of each variable.

1) Perimeter = 32 in



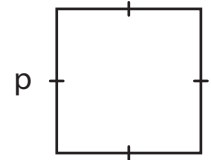
$x = \underline{\quad 8 \text{ in} \quad}$

2) Perimeter = 20 yd



$k = \underline{\quad 5 \text{ yd} \quad}$

3) Perimeter = 14 ft



$p = \underline{\quad 3.5 \text{ ft} \quad}$

Find the side length of each square and write it in the arrow indicated.

| Perimeter of Squares | Side Length of Squares |
|----------------------|------------------------|
| 80 yd | 15 in |
| 60 in | 9.2 yd |
| 6 ft | 4 in |
| 16 in | 20 yd |
| 36.8 yd | 1.5 ft |