

Name : _____

L2S1

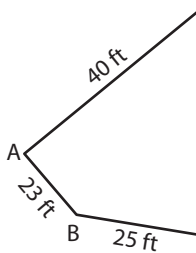
Perimeter of a Polygon

A) Find the side length of each regular polygon.

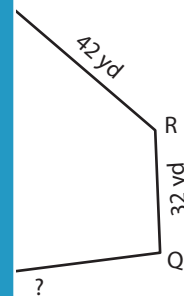
| S.No | Perimeter | Number of sides | Side length |
|------|-----------|-----------------|-------------|
| 1. | 228 in | 6 | |
| 2. | 186 ft | 3 | |
| 3. | 360 yd | 8 | |
| 4. | 119 ft | 7 | |

B) Find the side length

5)

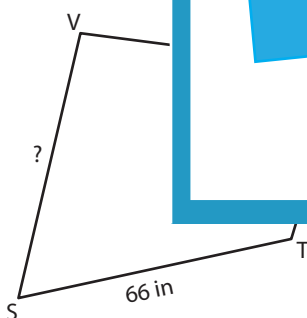


Perimeter = 175

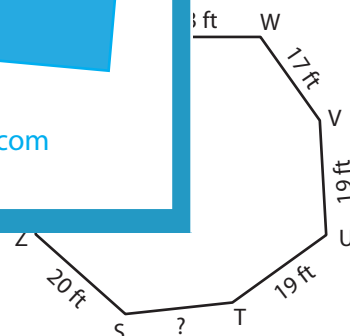


; PQ = _____

7)



Perimeter = 259 in ; SV = _____



Perimeter = 156 ft ; ST = _____

9) A triangle has a perimeter of 206 inches. If the two sides of the triangle measure 59 inches and 94 inches, determine the length of other side.

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Name : _____

Answer key

L2S1

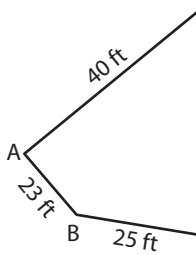
Perimeter of a Polygon

A) Find the side length of each regular polygon.

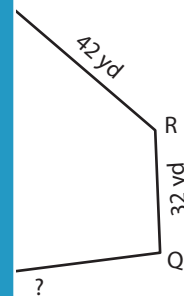
| S.No | Perimeter | Number of sides | Side length |
|------|-----------|-----------------|--------------|
| 1. | 228 in | 6 | 38 in |
| 2. | 186 ft | 3 | 62 ft |
| 3. | 360 yd | 8 | 45 yd |
| 4. | 119 ft | 7 | 17 ft |

B) Find the side length

5)

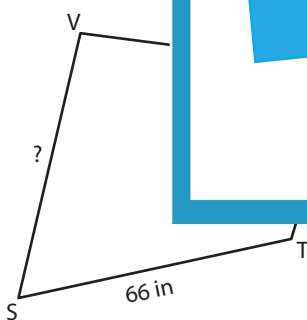


Perimeter = 175

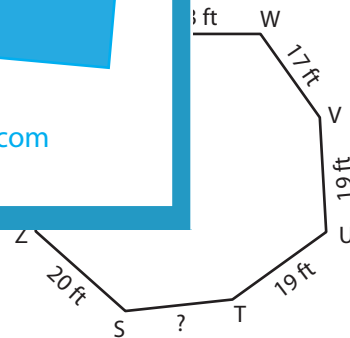


; PQ = **50 yd**

7)



Perimeter = 259 in ; SV = **71 in**



Perimeter = 156 ft ; ST = **18 ft**

9) A triangle has a perimeter of 206 inches. If the two sides of the triangle measure 59 inches and 94 inches, determine the length of other side.

53 inches

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