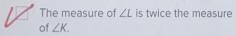


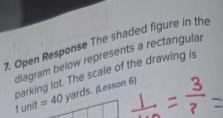
- © It is not possible to draw the triangle because the sum of two of the side lengths *is* greater than the third side.
- It is not possible to draw the triangle because the sum of two of the side lengths is not greater than the third side.
- **6. Multiselect** In  $\triangle JKL$ , the measures of the angles J, K, and L, respectively, are in the ratio 3:3:6. Which of the following statements are accurate regarding the angle measures? Select all that apply. (Lesson 5)

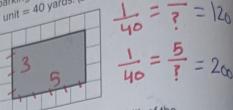
Angles J and K have equal measures.

- The measure of  $\angle L$  is half the measure of  $\angle J$ .
- $m \angle L = 45^{\circ}$
- $m \angle K = 90^{\circ}$

The angles form an isosceles right triangle.







A. What is the length and width of the parking lot in units?

rking lot in 5

B. Suppose the scale drawing is reproduced using a scale of 1 unit = 20 yards. What is the new length and width, in units, of the drawing of the parking lot?

 $L = \frac{120}{20} = 6$   $W = \frac{200}{20} = 10$ 

8. Multiple Choice Which of the following describes the cross section of a cylinder and a vertical plane as shown? (Lesson 7)



- (A) circle
- o rectangle
- B ellipse
- (D) square
- Multiple Choice Which three-dimensional figure has 6 faces, 12 edges, and 8 vertices? (Lesson 7)
  - rectangular prism
  - B square pyramid
  - © triangular prism
  - (D) triangular pyramid

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