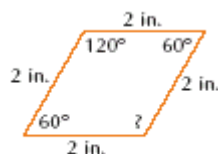




Chapter 6 Section B Diagnostic Checkpoint

MULTIPLE CHOICE

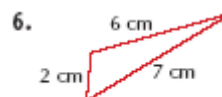
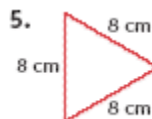
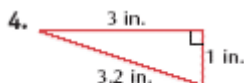
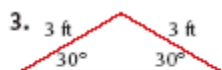
Use the figure at the right.



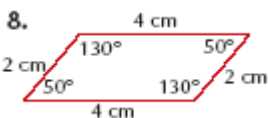
- Which name does NOT apply? (6-6)
 - quadrilateral
 - rhombus
 - square
 - parallelogram
- Which is the missing angle measure? (6-6)
 - 60°
 - 120°
 - 240°
 - 180°

FREE RESPONSE

Classify each triangle by its sides and then by its angles. (6-5)



Classify each figure. Be as specific as possible. (6-4, 6-6)



11. How many 1×1 squares are shown in the quilt at the right? How many 2×2 squares are shown? How many squares of any size are shown? (6-7)



TEST TALK

Think It Through

- Sometimes making a table will help you solve a problem.
- Often you can use the numbers in a table to find a pattern.

Writing in Math

Explain why each description is impossible. (6-8)

- A right obtuse triangle
- A triangle with two obtuse angles
- An equilateral scalene triangle
- A rhombus with 2-inch and 4-inch sides
- Draw six polygons. Try to divide them into two groups. Use geometric terms to describe the characteristics of each group. (6-8)