Lesson 1 Practice Problems

1. At the book sale, all books cost less than $5.

   a. What is the most expensive a book could be?

   b. Write an inequality to represent costs of books at the sale.

   c. Draw a number line to represent the inequality.

2. Kiran started his homework *before* 7:00 p.m. and finished his homework *after* 8:00 p.m. Let h represent the number of hours Kiran worked on his homework.

   Decide if each statement it is definitely true, definitely not true, or possibly true. Explain your reasoning.
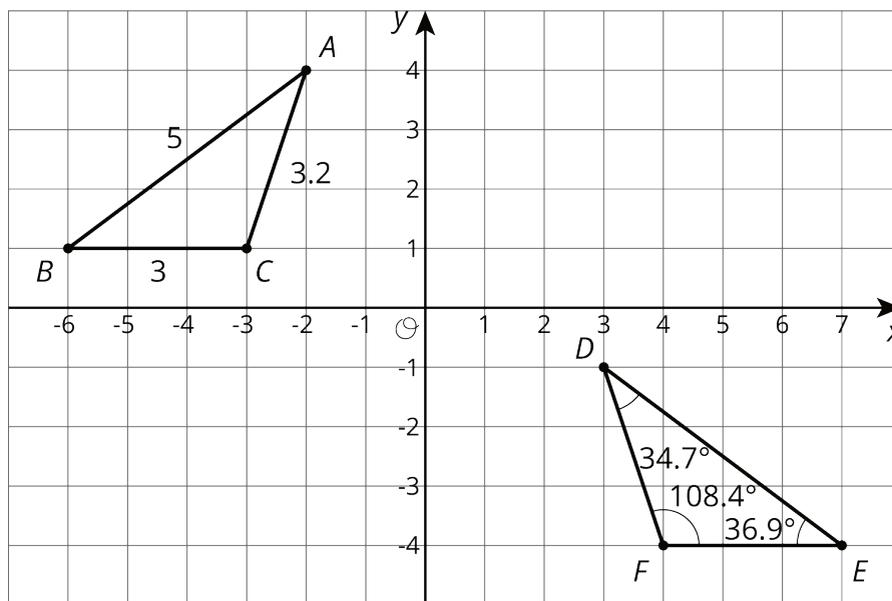
   a. $h > 1$
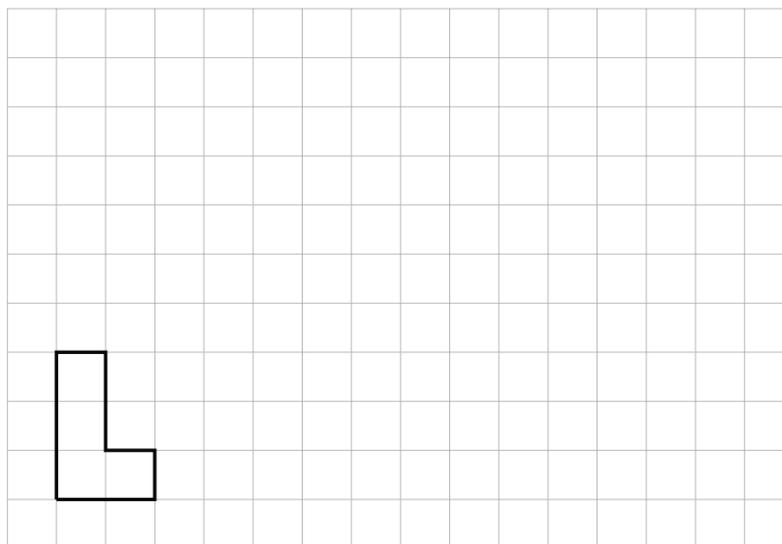
   b. $h > 2$

   c. $h < 1$

   d. $h < 2$

Accelerated 7 Unit 4

Lesson 1

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1

3.   a. Show that the two triangles are congruent.

b. Find the side lengths of DEF and the angle measures of ABC.

(From Unit 1, Lesson 11.)

4. Here is a polygon on a grid.

Draw a scaled copy of this polygon that has a perimeter of 30 units. What is the scale factor? Explain how you know.

(From Unit 2, Lesson 2.)