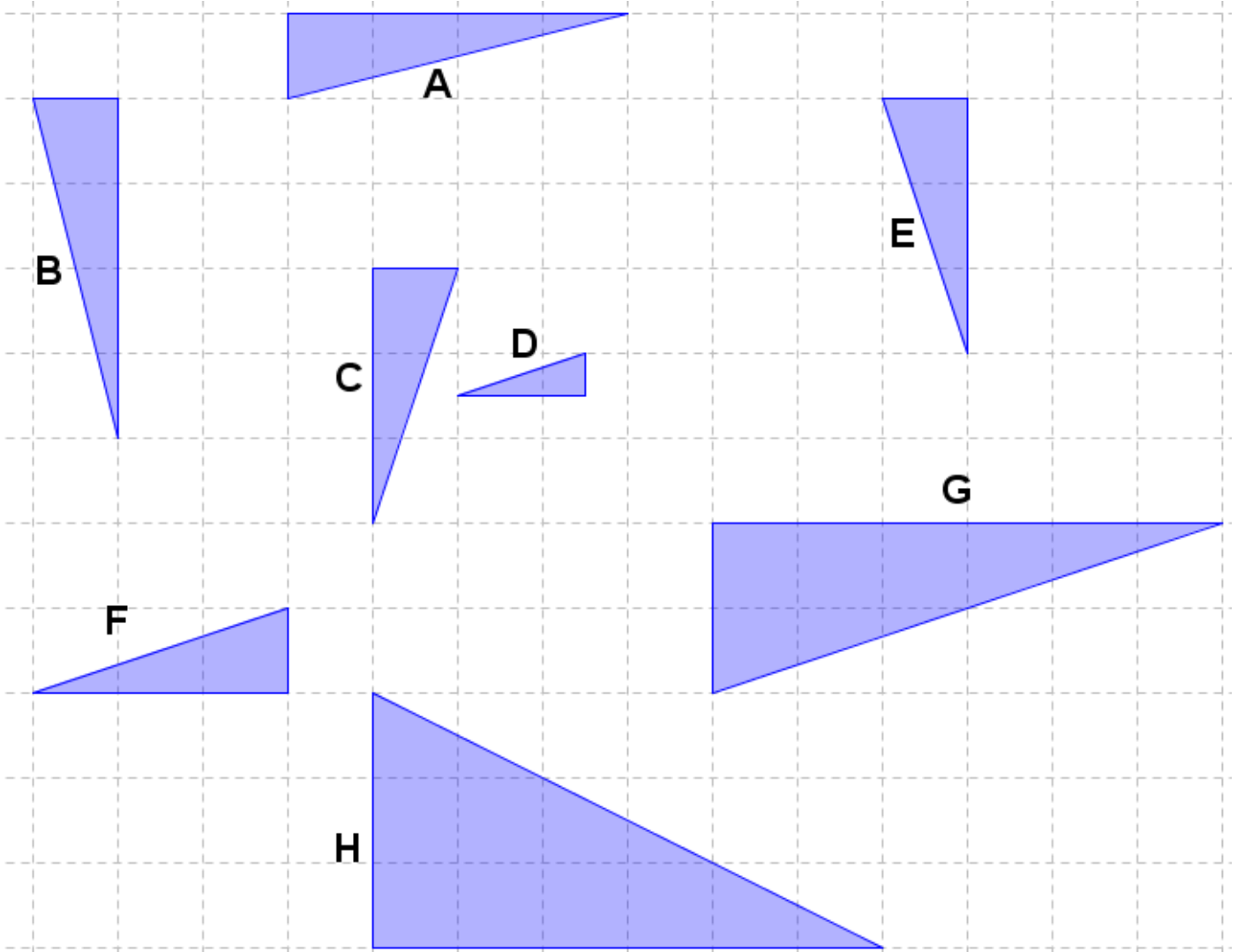# Congruent and Similar Shapes

1. Complete the sentences:

Congruent shapes are _____

Similar shapes are   _____

2. Look at the triangles in the grid below:

Write down the letters of all triangles *congruent* to triangle E: _____

Write down the letters of all triangles *similar* to triangle E: _____

Find one other pair of *congruent* triangles: _____

3. True or false:
  The reflection of a triangle is congruent to the original triangle   _____
  The enlargement of a triangle is congruent to the original triangle   _____
  If two triangles are similar, they must also be congruent   _____
  If two triangles are congruent, they must also be similar   _____

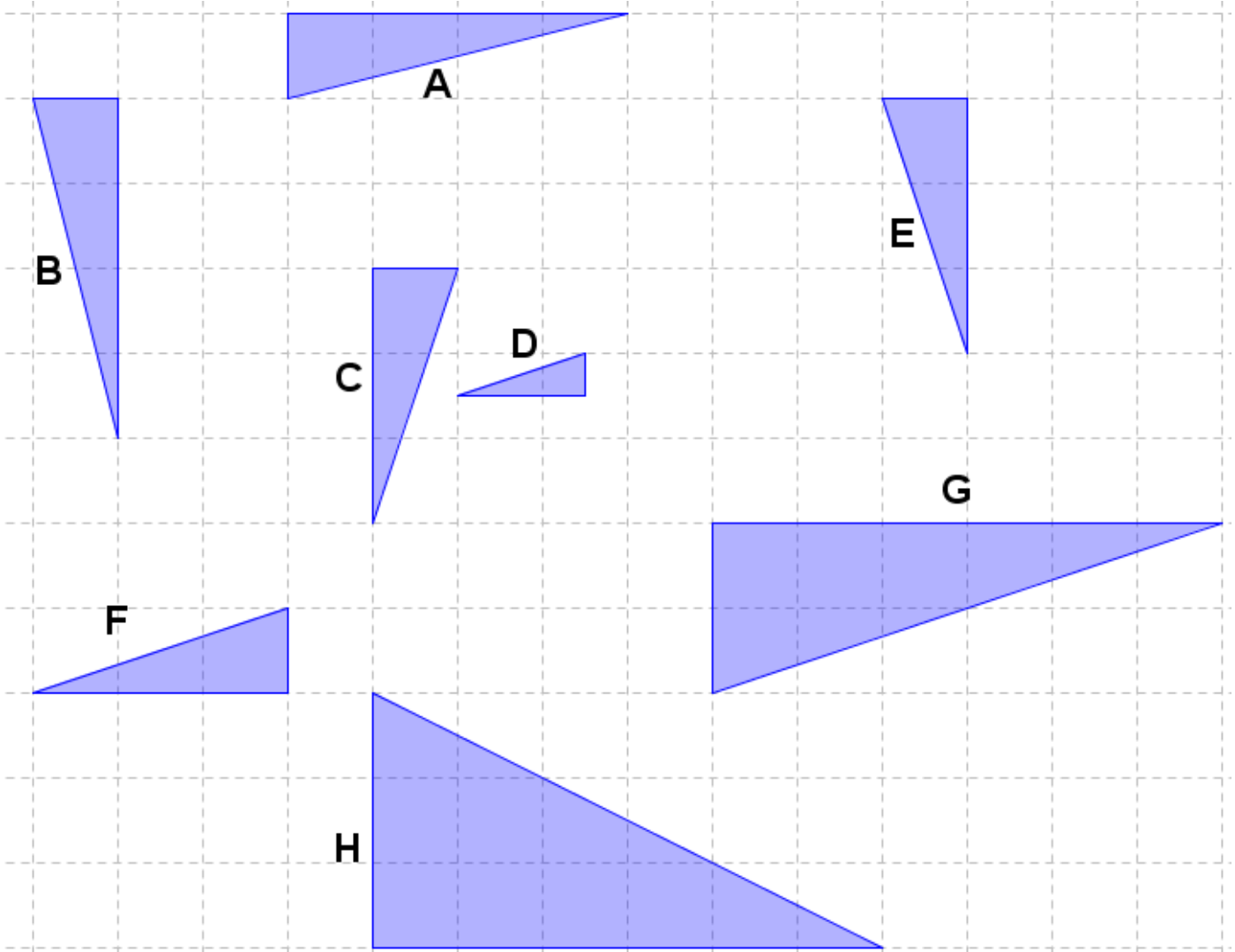# Congruent and Similar Shapes SOLUTIONS

1. Complete the sentences:

Congruent shapes are the same shape and the same size

Similar shapes are the same shape

2. Look at the triangles in the grid below:

Write down the letters of all triangles *congruent* to triangle E: C and F

Write down the letters of all triangles *similar* to triangle E: (C and F) and D and G

Find one other pair of *congruent* triangles: A and B

3. True or false:

The reflection of a triangle is congruent to the original triangle   TRUE
The enlargement of a triangle is congruent to the original triangle   FALSE
If two triangles are similar, they must also be congruent   FALSE
If two triangles are congruent, they must also be similar   TRUE