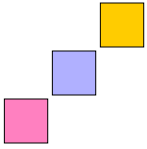


# Slope and Similar Triangles

Name \_\_\_\_\_

Date \_\_\_\_\_

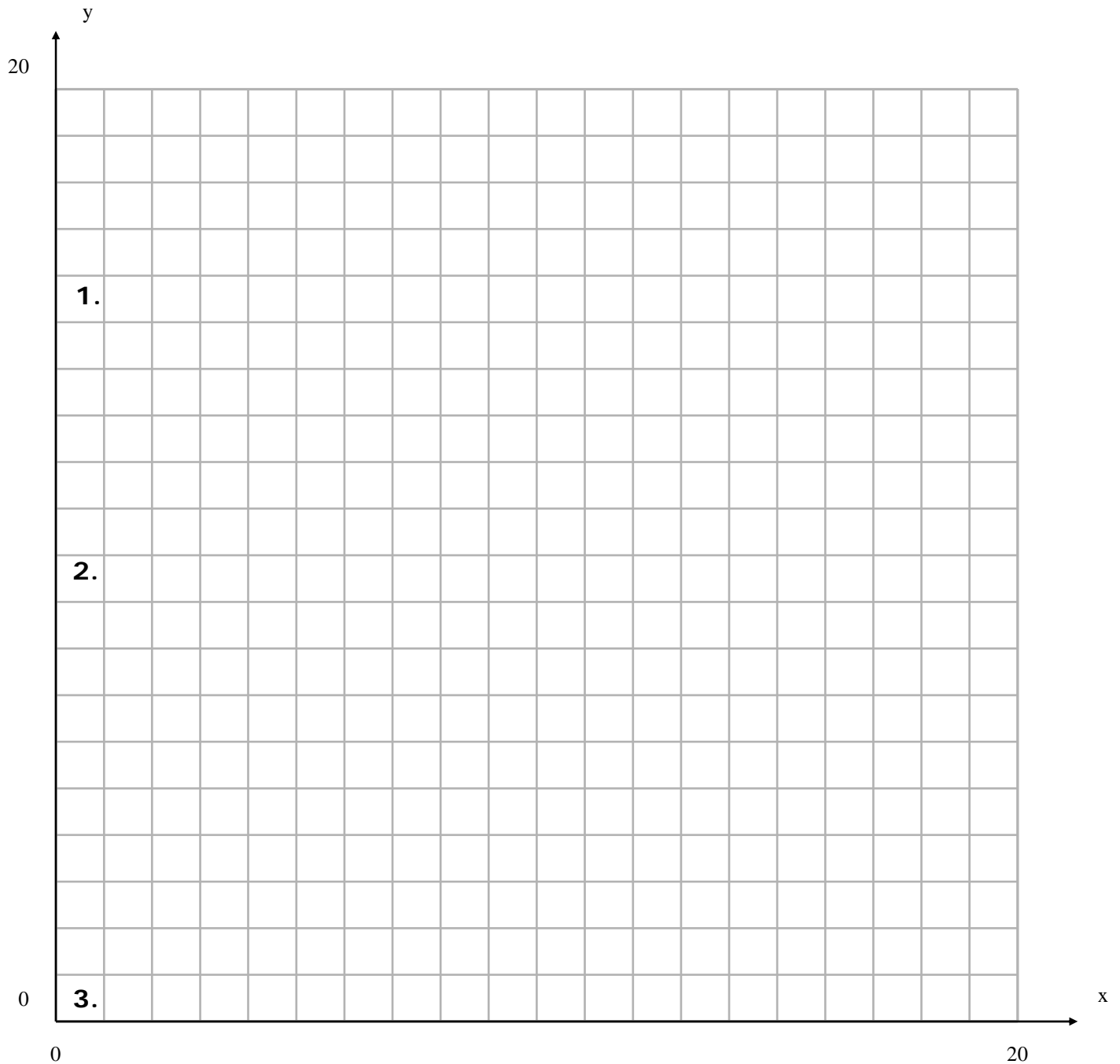


Place centimeter cubes on the graph to build the following slopes. Use a ruler to sketch a line following the under side of the stairs. Trace the right triangle formed under each step. Remove the centimeter cubes and compare any four triangles using the ratios of corresponding sides to determine if the triangles are similar.

1) 1

2)  $\frac{1}{2}$

3)  $\frac{2}{3}$



4)  $\frac{3}{4}$

5)  $-1$

6)  $-\frac{1}{2}$

