

warm-up

Model Problem 1)

What is the equation for the line that passes through the points (3, 4) and (5, 8)?

Model Problem 2)

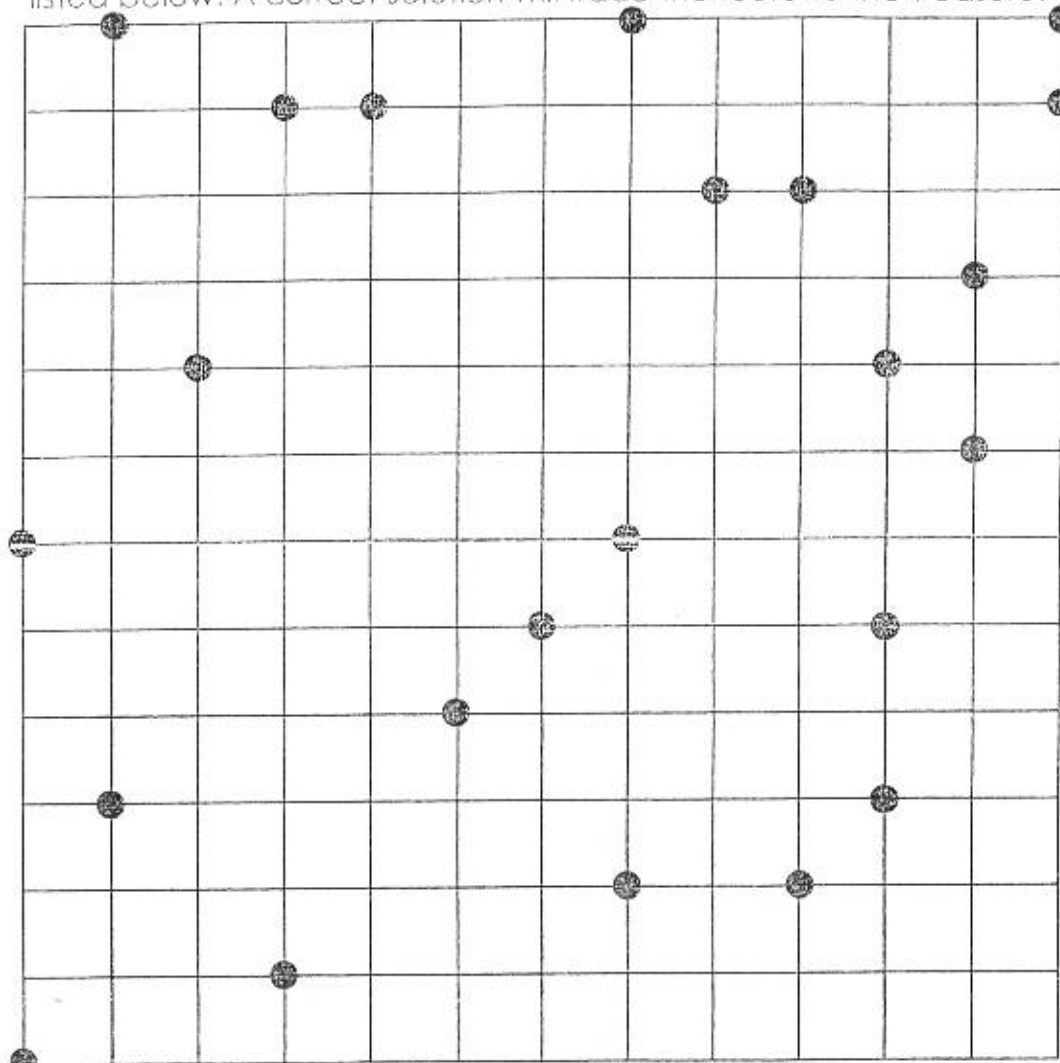
What is an equation for the line that passes through the coordinates (4, 5) and (8, 3)?

Model Problem 3)

What is the equation for the line that passes through the coordinates (1, 2) and (5, 10)?

TREASURE HUNT with SLOPES

Using the definition of slope, draw line segments with the slopes listed below. A correct solution will trace the route to the treasure.



start here



CLUE 1:
3



CLUE 2:
 $\frac{1}{4}$



CLUE 3:
 $-\frac{2}{5}$



CLUE 4:
0



CLUE 5:
1



CLUE 6:
-1



CLUE 7:
undefined



CLUE 8:
 $\frac{2}{7}$



CLUE 9:
 $\frac{3}{2}$



CLUE 10:
 $\frac{1}{3}$



CLUE 11:
 $-\frac{3}{4}$



CLUE 12:
3