Name _____   Date _____

Point and Slope - Matching Worksheet

Write the letter of the answer that matches the problem.

_____ 1. Write an equation for the line that has a slope of ½ and passes though the point (2, 4)

a. $y=-4x$

_____ 2. A line has a slope of 2 and passes through the point (-3, 5). What is the equation of the line?

b. $y=7x+37$

_____ 3. Write an equation for the line that has a slope of 4 and passes though the point (-5, 9)

c.   2

_____ 4. A line has a slope of 3 and passes through the point (-5, 2). What is the equation of the line?

d. $y=4x+29$

_____ 5. Find the slope of the line that passes through (5, 8) and (3, 4).

e. $y=\dfrac{1}{2}x+3$

_____ 6. Write an equation for the line that has a slope of -2 and passes though the point (6, 4)

f. $y=2x+11$

_____ 7. A line has a slope of 7 and passes through the point (-5, 2). What is the equation of the line?

g. $y=3x+17$

_____ 8. Find the slope of the line that passes through (10, 6) and (4, 3).

h. $y=-2x+16$

_____ 9. A line has a slope of -4 and passes through the point (-2, 8). What is the equation of the line?

i.   .5