Intro 2 Pre-Test Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_

For questions 1-3, solve for $x$.

1. $ 3x-7=5$ 2. $ 2\left(4x+3\right)=22$ 3. $-5\left(2x-1\right)-2x=2x-9$

For questions 4-5, graph.

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| 4. $y=\frac{1}{2}x-4$ |  | 5. $3x+4y=8$ |



For questions 6-7, find the slope.

6. $\left(6,7\right) (4,2)$ 7. $\left(-3,9\right) (5,-1)$

For questions 8-9, write the equation of the line in $y=mx+b$ form using the given information.

8. $m=3, b=-7$ 9. $m=\frac{4}{5} (-10, 14)$

For question 10, solve the system by graphing. For question 11, solve the system of equations by

 substitution.

10. $y=3x-4$ 11. $y=-7x-15$

 $y=-\frac{1}{2}x+3$ $6x+7y=24$



For question 12, solve the system of

equations by elimination.

12. $-3x+3y=3$

 $-5x+y=13$