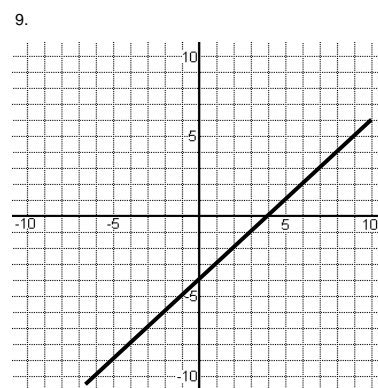
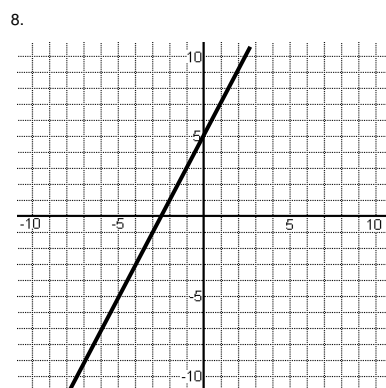
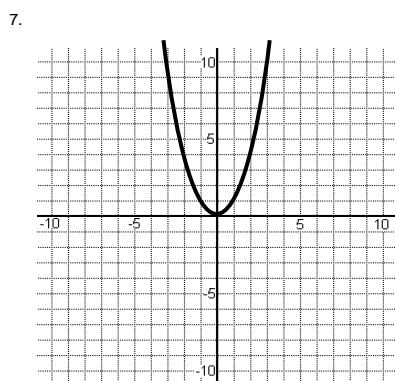
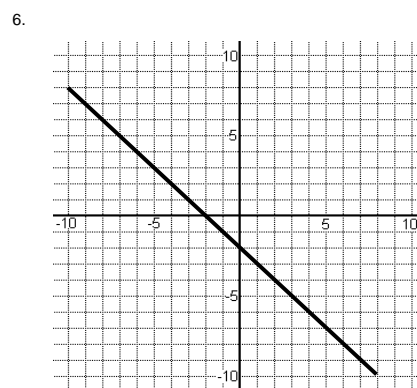
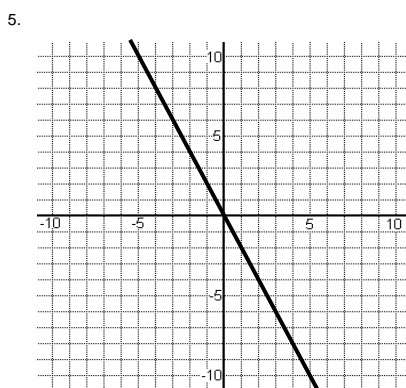
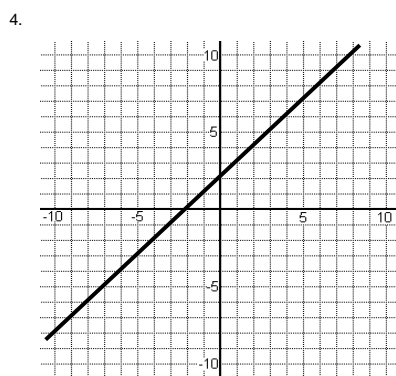
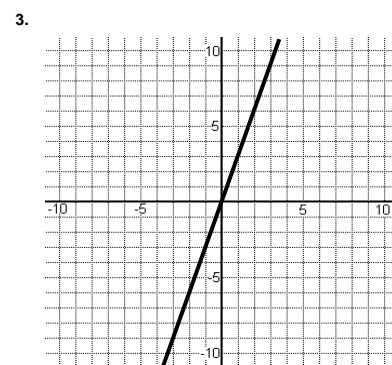
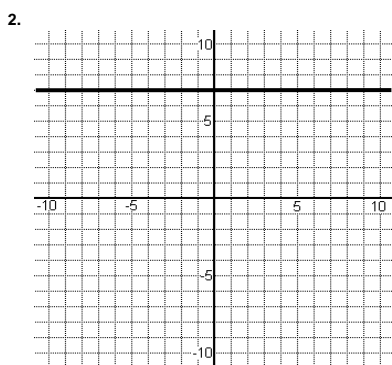
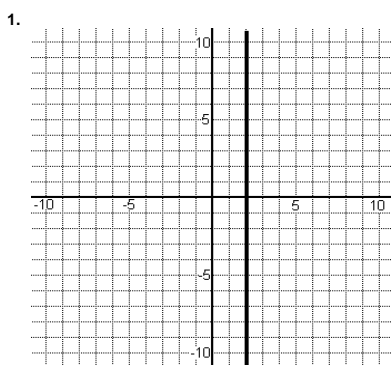


Matching graphs and equations

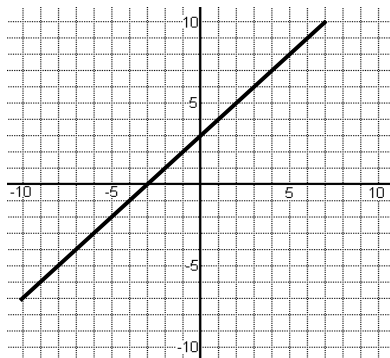
Match the equations below to the correct graphs. Remember to look for the **gradient** and **y-intercept**.



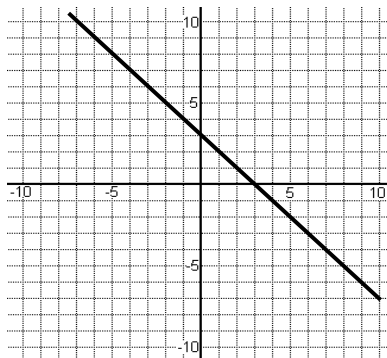
$y = x + 2$	$y = x - 4$	$y = 3x$	$y = -2x$	$y = \frac{1}{2}x$	$y = 2x + 5$
$y = 2x - 5$	$y = -x + 3$	$y = -x - 2$	$y = 7$	$x = 2$	$y = x^2$

Match the equations below to the correct graphs. Remember to look for the **gradient** and **y-intercept**.

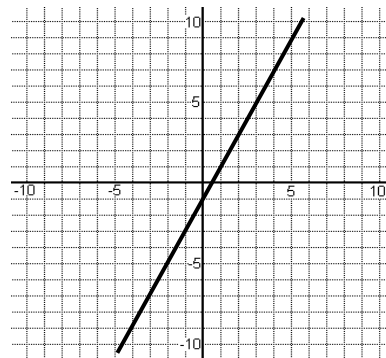
1.



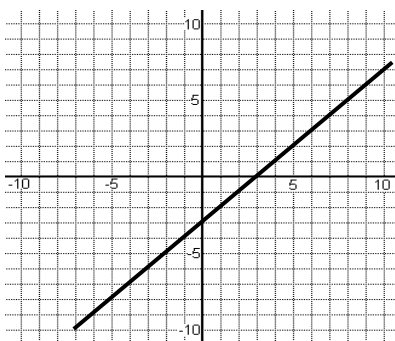
2.



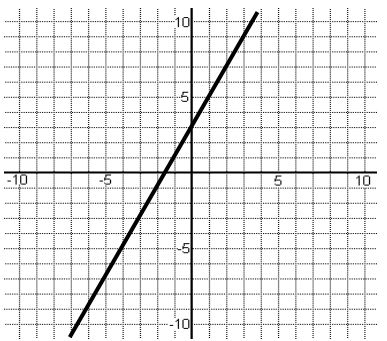
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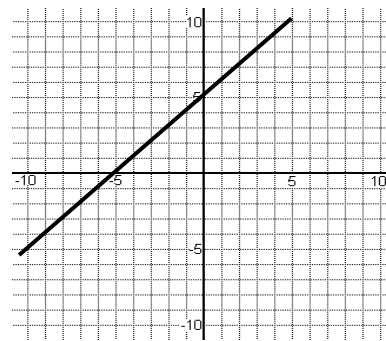
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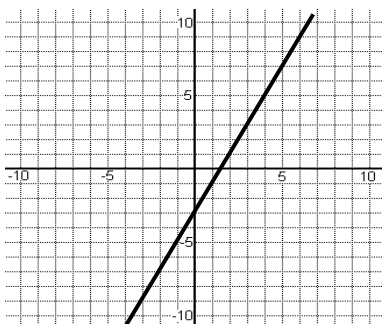
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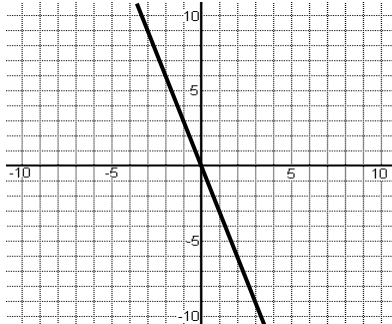
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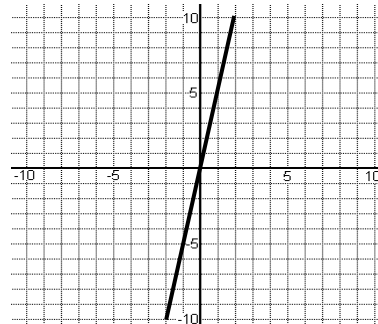
7.



8.



9.



$y = 2x - 1$	$y = x + 5$	$y = -3x$	$y = 5x$	$y = 3x + 2$	$y = 2x + 3$
$y = x - 3$	$y = \frac{1}{2}x + 3$	$y = x + 3$	$y = 2x - 3$	$y = -x - 3$	$y = -x + 3$

Answers

Sheet one

1. $x = 2$
2. $y = 7$
3. $y = 3x$
4. $y = x + 2$
5. $y = -2x$
6. $y = -x - 2$
7. $y = x^2$
8. $y = 2x + 5$
9. $y = x - 4$

Sheet two

1. $y = x + 3$
2. $y = -x + 3$
3. $y = 2x - 1$
4. $y = x - 3$
5. $y = 2x + 3$
6. $y = x + 5$
7. $y = 2x - 3$
8. $y = -3x$
9. $y = 5x$