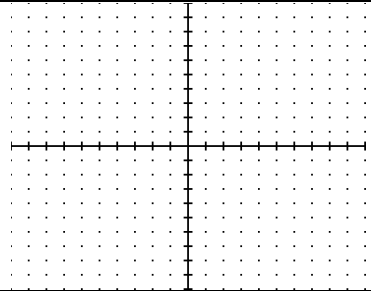
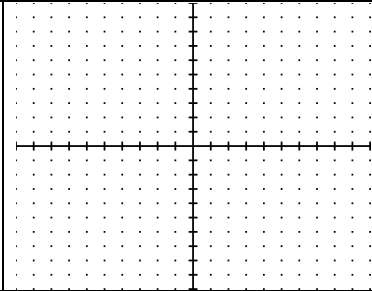
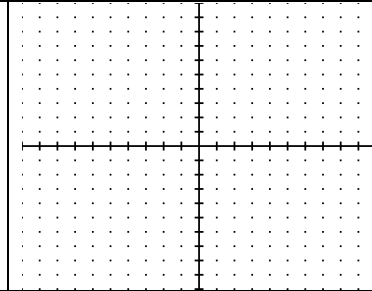
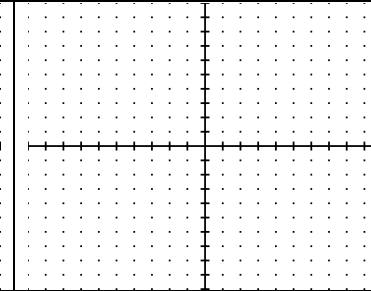
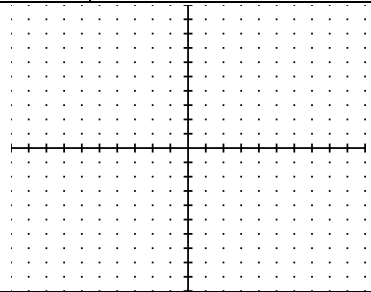
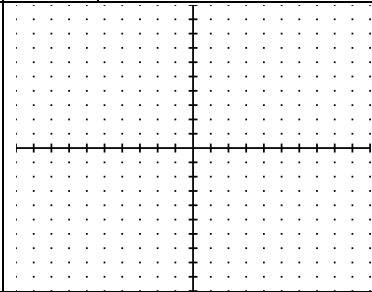
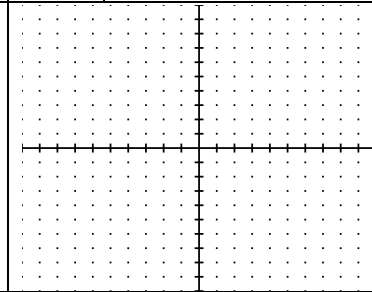
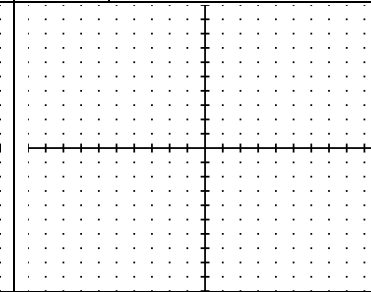
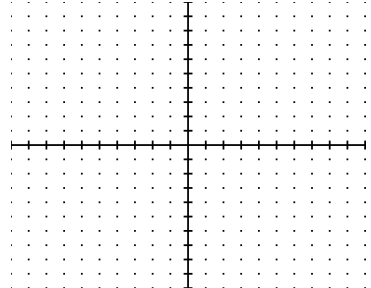
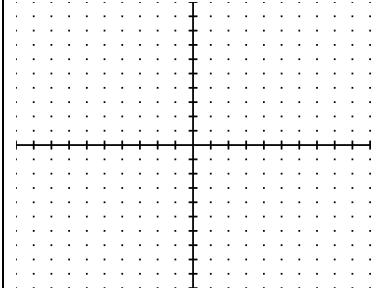
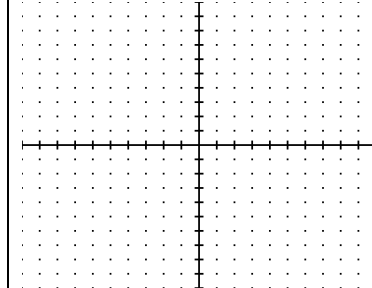
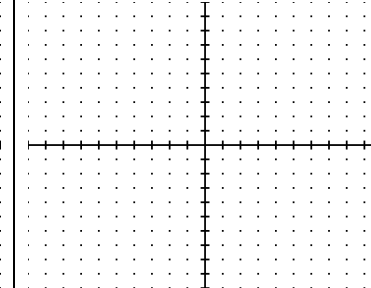


Graph two lines for every grid.

<b>1</b>	$y = -x - 2$ $y = -x + 3$	<b>2</b>	$y = x + 3$ $y = -x + 5$	<b>3</b>	$y = 3x$ $y = 3x - 6$	<b>4</b>	$y = 2x + 1$ $y = \frac{1}{2}x + 6$
							

<b>5</b>	$y = \frac{4}{3}x - 1$ $y = \frac{4}{3}x + 10$	<b>6</b>	$y = \frac{2}{5}x + 7$ $y = -\frac{5}{2}x - 8$	<b>7</b>	$y = -\frac{3}{2}x - 4$ $y = \frac{1}{2}x$	<b>8</b>	$y = -\frac{1}{4}x - 8$ $y = 4x + 8$
							

<b>9</b>	$y = \frac{1}{3}x - 4$ $y = 3x + 4$	<b>10</b>	$y = -\frac{2}{3}x + 5$ $y = \frac{3}{2}x - 8$	<b>11</b>	$y = -\frac{1}{5}x + 6$ $y = -\frac{1}{5}x - 3$	<b>12</b>	$y = -\frac{3}{4}x + 7$ $y = \frac{4}{3}x + 1$
							

**13. Which** graphs contain lines that are **PARALLEL**? What are **PARALLEL** lines?

**14. Which** graphs contain lines that are **PERPENDICULAR**? What are **PERPENDICULAR** lines?

**15. Which** graphs contain lines that are **NOT PARALLEL** or **PERPENDICULAR**?

**16.** Carefully examine the set of equations for each of your graphs. What is it about the EQUATIONS that make

a) the lines <b>PARALLEL</b> to each other?	b) the lines <b>PERPENDICULAR</b> to each other?
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