

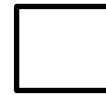
Objective: TBAT predict graphs from relationships



Met



Partially
Met



Not Met

Work on the
following sections:



Column 1



Column 2



Extension

Column 1	Column 2
<p>Answer the following questions without drawing graphs:</p> <p>a) Is the point (3,9) on the graph $y = 3x$?</p> <p>b) Is the point (6,2) on the graph $y = y + 3$?</p> <p>c) Is the point (4,17) on the graph $y = 4x + 1$?</p> <p>d) Is the point (5,-1) on the graph $y = x - 6$?</p>	<p>Answer the following questions without drawing graphs:</p> <p>a) Is the point (-1,-7) on the graph $y = 7x$?</p> <p>b) Is the point (-5,2) on the graph $y = y + 3$?</p> <p>c) Is the point (-2, 0) on the graph $y = 4 - 2x$?</p> <p>d) Is the point (-1,-2) on the graph $y = 5x - 3$?</p>
<p>Write down a relationship that will pass through the point:</p> <p>a) (4, 8)</p> <p>b) (6, 4)</p> <p>c) (5, 13)</p> <p>d) (-3, -9)</p> <p>e) (-10, -8)</p>	<p>$y = 5x - 1$</p> <p>$y = 5x + 4$</p> <p>$y = 5x$</p> <p>a) Explain why the graphs above will never intersect</p> <p>b) Write another equation that will not intersect with the lines above</p>
<p>Extension:</p> <p>Explain how you are able to know which graphs will intersect and which will not without drawing the graphs. (use examples of equations of lines)</p>	