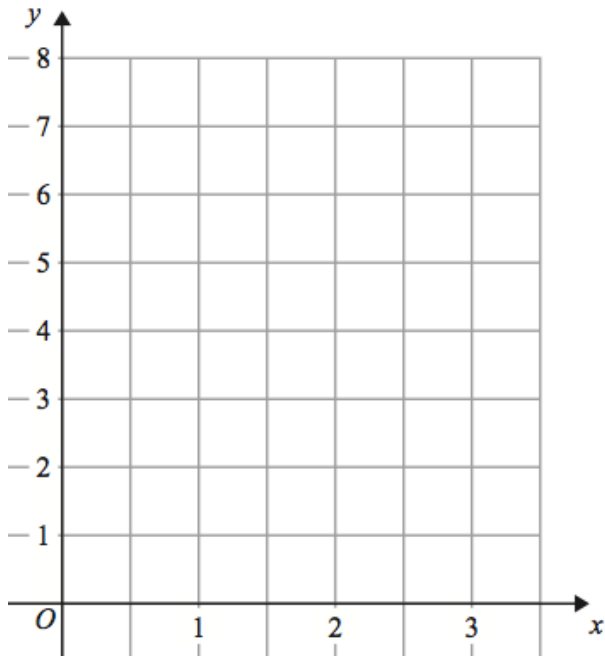
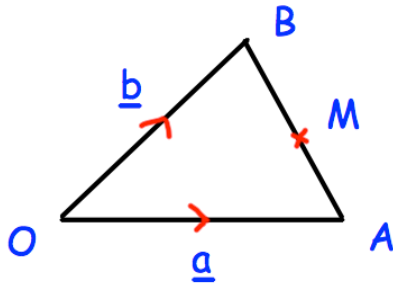


Name: \_\_\_\_\_

| May 7   | 5-a-day  | Higher |
|---|--|--------|
| <p>Draw the graph <math>y = 2x + 1</math></p>   |    |        |
| <p>Write down the gradient of a line perpendicular to the one drawn.</p>  |  |        |
| <p>A tank of water is losing 10% of its water an hour.</p> <p>What percentage is lost after 2 hours?</p>  |  |        |
| <p>In a tin there are:</p> <ul style="list-style-type: none"><li>4 chocolate biscuits</li><li>3 plain biscuits</li><li>5 Hobnobs</li></ul> <p>Work out the probability that two biscuits picked at random are the same.</p> |  |        |
| <p>M is the midpoint of AB.</p> <p>Find vector <math>\vec{OM}</math> in terms of <math>\mathbf{a}</math> and <math>\mathbf{b}</math>.</p>   |  |        |