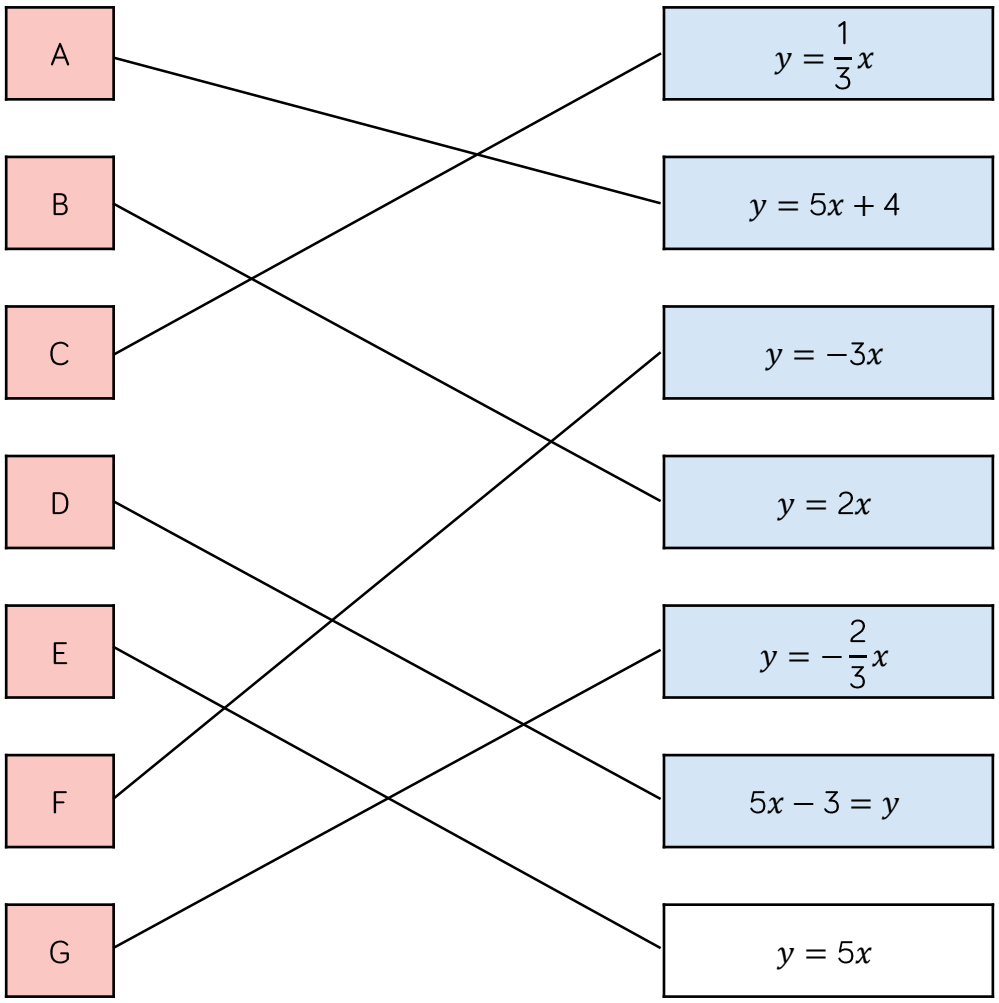
<table>
<tr><th>Question</th><th>Answer</th></tr>
<tr><td>1</td><td>
a) P $y = x$
<table>
<tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
<tr><td>y</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
</table>
R $y = 3x$
<table>
<tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
<tr><td>y</td><td>-6</td><td>-3</td><td>0</td><td>3</td><td>6</td></tr>
</table>
Q $y = 2x$
<table>
<tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
<tr><td>y</td><td>-4</td><td>-2</td><td>0</td><td>2</td><td>4</td></tr>
</table>
S $y = \frac{1}{2}x$
<table>
<tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
<tr><td>y</td><td>-1</td><td>-0.5</td><td>0</td><td>0.5</td><td>1</td></tr>
</table>
b) All lines plotted correctly and with corresponding labels.
c) All the lines pass through the origin or have the same y-intercept.
</td></tr>
<tr><td>2</td><td>
a) J $y = -x$
<table>
<tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
<tr><td>y</td><td>2</td><td>1</td><td>0</td><td>-1</td><td>-2</td></tr>
</table>
L $y = -3x$
<table>
<tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
<tr><td>y</td><td>6</td><td>3</td><td>0</td><td>-3</td><td>-6</td></tr>
</table>
K $y = -2x$
<table>
<tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
<tr><td>y</td><td>4</td><td>2</td><td>0</td><td>-2</td><td>-4</td></tr>
</table>
M $y = -\frac{1}{2}x$
<table>
<tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr>
<tr><td>y</td><td>1</td><td>0.5</td><td>0</td><td>-0.5</td><td>-1</td></tr>
</table>
b) All lines plotted correctly and with corresponding labels.
c) All the lines pass through the origin or have the same y-intercept.
</td></tr>
<tr><td>3</td><td>Same: All lines pass through the origin.
Different: e.g. Positive gradients only in question 1 and negative gradients in question 2</td></tr>
<tr><td>4</td><td>a) Same: each of the equations have 3 as a coefficient of x
Different: their y-intercept
b) All lines plotted correctly and with corresponding labels.
c) They are all parallel or they increase at the same rate.</td></tr>
</table>

Question	Answer
5	a)  b) See bottom right box above Line E is parallel to line A and D so it must have the same gradient and it passes through the origin. c) Correctly drawn $y = -7x$ Negative gradient passing through the origin and a steeper line than F