

Question			Answer	Marks	AOs	Guidance	
2	(i)		$\frac{2}{3+x-4} \text{ or } \frac{2}{3+x+4}$ $y = \frac{2}{x-1}$	<b>M1</b>  <b>A1</b>  <b>[2]</b>	<b>1.1</b>  <b>1.1</b>	Translates curve by $+/- 4$ parallel to the $x$ -axis  Fully correct, must have $y =$	
	(ii)		Stretch          Scale factor $\frac{5}{2}$ parallel to the $y$ -axis	<b>B1</b>          <b>B1</b>    <b>[2]</b>	<b>1.2</b>          <b>2.5</b>	Must use stretch/stretched/stretching...          Allow “factor” or “SF” for “scale factor”. Allow “vertically”, “in the $y$ direction”. Do not accept “in/on/across/up/along the $y$ axis”, “in the positive $y$ direction”, “SF $5/2$ units”	B0B1 is possible for e.g. ‘enlarge by scale factor...’ etc. but not for (e.g.) ‘translate by scale factor...’ etc.    More than one transformation B0B0