

Question	Scheme	Marks	AOs
2	Two equations, one of which must be $2p - 2q = 2(4p + q)$ or $q - 2p = 14$	M1	1.1a
	$6p + 4q = 0$ and $q - 2p = 14$ leading to $p = \dots$ or $q = \dots$	M1	3.1a
	$p = -4$ or $q = 6$	A1	1.1b
	$p = -4$ and $q = 6$	A1	1.1b
		<b>(4)</b>	

**(4 marks)**

**Notes:**

**M1:** For using the given information to set up two equations in  $p$  and  $q$ , may be unsimplified, one of which must be correct.

**M1:** Solves their two equations in  $p$  and  $q$  to find a value for either constant.

**A1:** Reaches  $p = -4$  or  $q = 6$

**A1:** Requires both  $p = -4$  and  $q = 6$  from correct work.