

Q.	Answer	Mark	Additional Guidance
5. (a) (i)	26	1	A:1
(ii)	16	1	A:1
(b)	29	1	A:1
(c) (i)	$2^2 \times 7^2$	3	M:1 A:1 for factors A:1 for indices
(ii)	$2 \times 7 = 14$	1	A:1
6. (a) (i)	$9a$	1	A:1
(ii)	$3b^2$	1	A:1
(iii)	$\frac{2c^3}{3}$	1	A:1
(iv)	d	2	M:1 for $\frac{9d}{9}$
(b)	$7p - 2q$	3	M:1 A:1 for $9p - q - 2p - q$ A:1 for answer
(c)	$4(3x - 4y)$	2	M:1 only for partial factorisation
7. (i)	2	2	
(ii)	32	2	
(iii)	-10	2	
(iv)	18	2	
8. (a) (i)	75, 105	2	A:1 each answer
(ii)	$1, \frac{1}{2}$	2	A:1 each answer
(b)	6, 14	2	A:1 each answer
9. (a)	15 km	2	
(b)	2 h 30 min	2	
(c)	80 km/h	3	M:1 for $60 \div \frac{3}{4}$ A:1 for $60 \times \frac{4}{3}$ A:1 for answer