

You will need to show your workings out on paper or in your maths book	You will need to show your workings out on paper or in your maths book
(1) Find the Highest Common Factor (HCF) of 56 and 60	(1) Find the Highest Common Factor (HCF) of 56 and 60
(2a) Write 105 as a product of its prime factors.	(2a) Write 105 as a product of its prime factors.
(2b) Find the Highest Common Factor (HCF) of 42 and 105	(2b) Find the Highest Common Factor (HCF) of 42 and 105
(3) Find the Highest Common Factor (HCF) of 54 and 90	(3) Find the Highest Common Factor (HCF) of 54 and 90
(4a) Write 60 as a product of its prime factors.	(4a) Write 60 as a product of its prime factors.
(4b) Find the Highest Common Factor (HCF) of 60 and 105	(4b) Find the Highest Common Factor (HCF) of 60 and 105
(5) Find the Highest Common Factor (HCF) of 36 and 42	(5) Find the Highest Common Factor (HCF) of 36 and 42
(6a) Write 150 as a product of its prime factors.	(6a) Write 150 as a product of its prime factors.
(6b) Find the Highest Common Factor (HCF) of 105 and 150	(6b) Find the Highest Common Factor (HCF) of 105 and 150

prime (8) Answers
1) 4 (you get 1 mark for 2);
2a) $3 \times 5 \times 7$;
2b) 21 (you get 1 mark for 3 or 7);
3) 18 (you get 1 mark for 3 or 6 or 9);
4a) $2 \times 2 \times 3 \times 5$
4b) 15 (you get 1 mark for 3 or 5)
5) 6 (you get 1 mark for 2 or 3);
6a) $2 \times 3 \times 5 \times 5$
6b) 15 (you get 1 mark for 2 or 3);

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