SOLVING EQUATIONS



FACTORS, MULTIPLES AND PRIMES

Key Concept Factors: Find these in pairs 12 1, 12 2, 6 3, 4	Key Words Factor: The numbers which fit into a number exactly. Multiple: The numbers in the times table. Prime: Numbers which have only two factors which are 1 and itself. Highest Common Factor:	Examples Lowest Common Multiple (LCM) Q - Find the LCM of 6 and 7: 6 – 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 7 – 7, 14, 21, 28, 35, 42, 49, 56, LCM = 42
Multiples: Start with the number itself 7 – 7, 14, 21, 28,	The highest factor which is common for both numbers. Lowest Common Multiple: The smallest multiple which is common to both numbers.	Highest Common Factor (HCF) Q – Find the HCF of 18 and 24 18 – 1, 2, 3, 6, 9, 18 24 – 1, 2, 3, 4, 6, 8, 12, 24 HCF = 6
Sparx M462 M823 M322	Tip There is only one even prime number which is the number 2. This can be used to help solve lots of problems.	Questions1) List the first 5 multiples of:a) 7b) 12c) 502) List the factors of:a) 12b) 15c) 163) a) Find the LCM of 5 and 7b) Find the HCF of 20 and 16 $\psi(q) \leq \varepsilon (\varepsilon (\varepsilon (0.55) + 0.$

AREA AND PERIMETER

