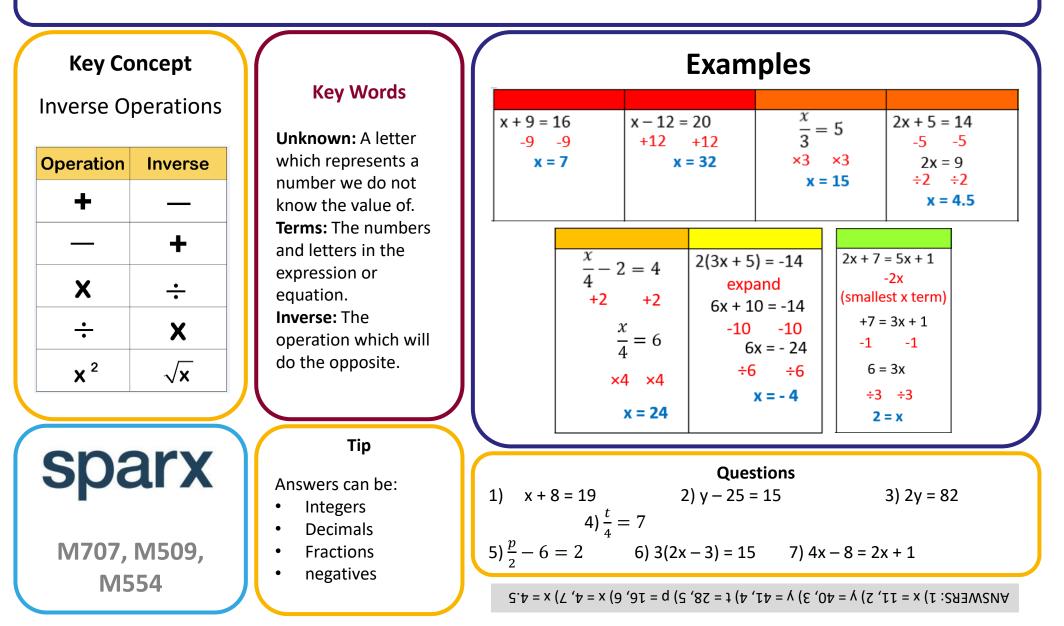
## SOLVING EQUATIONS



## FACTORS, MULTIPLES AND PRIMES

Key Concept Factors: Find these in pairs 12 1, 12 2, 6 3, 4 Multiples:	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: The highest factor which is common for both	<b>Examples</b> <b>Lowest Common Multiple (LCM)</b> 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 Highest Common Factor (HCF)
Start with the	numbers.	Q - Find the HCF of 18 and 24
number itself	Lowest Common Multiple: The smallest multiple	18 - 1, 2, 3, 6, 9, 18
<b>7</b> – 7, 14, 21, 28,	which is common to both	24 – 1, 2, 3, 4, 6, 8, 12, 24
	numbers.	HCF = 6
Sparx M462	which is the number	QuestionsL) List the first 5 multiples of:a)7b)12c)502) List the factors of:a)12b)15c)16a)b)5 ind the UCE of 20 and 16
M823	help solve lots of	3) a) Find the LCM of 5 and 7 b) Find the HCF of 20 and 16
M322	problems.	S) 9) J' S' 3' 4' 6' JS P) J' 3' 2' JE C) J' S' 4' 8' JE B) 32 P) 4   S) 9) J' S' 3' 4' 6' JS P) JS' S4' 36' 48' 60 C) 20' JOO' J2O' S2O

## **AREA AND PERIMETER**

