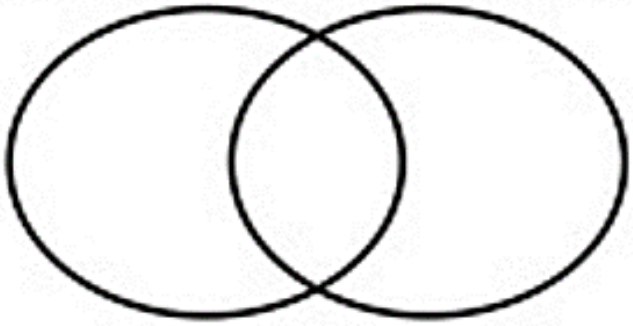
ASSIGNMENT Wk3

Find the Highest Common Factor and Lowest Common Factor of

1) 18 and 42



HCF = LCM =

Find LCM of 20 and 30

Find HCF of 54 and 72

Factorise fully 120

Circle multiples of 15

35 75

60 105

25 150

Two trains pass a station every seven minutes and twelve minutes. They meet at 11:00am. When will they next meet?

Prime factorise the number 46.

Spot the error in this prime factorisation… 2x2x3x3x7 = 168 3x5x5x11 = 825	Find the HCF in these three numbers… 28 30 45
Andy packs boxes of 6. Biba packs boxes of 15. When is the first time they pack the same amount as each other?	Complete the sums… 2 x 2 x 2 x 2 x 3 = 3 x 5 x 5 x 7 = 7 x 11 x 13 =
Find the LCM of 20, 25 and 30	Factorise $2x^2y + 4xy^2$

Aims of this session: Review your abilities in each of these areas, Green (feel confident…G), Amber (need to work more on...A), Red (Feel weaker at this….R)

	G	A	R
1. Recognise even and odd numbers	☐	☐	☐
2. Identify factors, multiples and prime numbers	☐	☐	☐
3. Find the prime factor decomposition of positive integers	☐	☐	☐
4. Find the common factors and common multiples of two numbers	☐	☐	☐
5. Find the Lowest common multiple (LCM) and Highest common factor (HCF) of two numbers	☐	☐	☐

MOSTLY GREEN ☐ MOSTLY AMBER ☐ MOSTLY RED ☐