

Study Skills - Problem Solving

LP: To apply critical thinking skills to solve a problem

On the next slide there will be a problem or puzzle of some kind, work to try and find a solution.

They are all possible so don't give up!

Eight at a Time

Find 6 consecutive multiples of 8 which add together to make a total between 260 and 270.

Need a HINT? Click onto the next slide to look at some definitions.

Too easy? How about finding 6 consecutive multiples of 5 that add together to make a total between 40 and 50?

Five at a Time

Means 'in a row'

Means in a certain times table

Find 6 *consecutive multiples* of 8 which add together to make a *total* between 260 and 270.

what you get when you add them all up

Ready to check your ANSWER? Click to the final slide to see if you got it right.

Solution:

$$24 + 32 + 40 + 48 + 56 + 64 = 264$$

Extension:

$$-5 + 0 + 5 + 10 + 15 + 20 = 45$$

