

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!

Seven at a Time

Find 6 consecutive multiples of 7 which add together to make a total between 270 and 280.

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 7 which add together
to make a *total* between 270 and 280.

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:

$$28 + 35 + 42 + 49 + 56 + 63 = 273$$

Extension:

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

