Making numbers using the four operations + - x and ÷.

Try to be as creative as you can. Use one fact to find another. Look for patterns but don’t continue them for too long. Start simple and then progress.

Example – Find ways to make 9.

9 x 1 leads to 4.5 x 2 and 2.25 x 4 and 18 x 0.5 and 36 x 0.25. This has been created using a doubling and halving approach.

9 x 1 0.9 x 10 0.09 x 100 90 x 0.1 900 x 0.01

4.5 + 4.5 4.6 + 4.4 4.7 + 4.3

7 + 2 8 + 1 9 + 0 10 + -1 11 + -2 etc (add 1 to the first number and subtract 1 from the second number)

27 ÷ 3 270 ÷ 30 2.7 ÷ 0.3 (x or ÷ each number by the same amount 10, 100 etc)

12 – 3 11 – 2 10 – 1 9 – 0 8 – (-1) 7 – (-2)

Choose from these numbers:

1. 6 b) 12 c) 15 d) 18

e) 2.5 f) 4.5 g) 6.4 h) 8.1