

Challenge activities w.b.11.1.21

Complete one of these challenges a day.

Monday

Teddy is checking Dora's work but doesn't do an inverse calculation.



These calculations can't be right.

$$\begin{array}{l} 24 + 6 = 84 \\ 25 - 23 = 12 \\ 18 - 3 = 21 \end{array}$$

How might he know?

What errors have been made in each calculation?

Tuesday

Find the missing numbers.

$$\begin{array}{r} \begin{array}{|c|c|} \hline 6 & \square \\ \hline \end{array} \\ - \begin{array}{|c|c|} \hline 2 & \square \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline 4 & 2 \\ \hline \end{array} \end{array}$$

Is this the only possible solution? Explain your answer.

Wednesday

Always, Sometimes, Never

$$\text{odd} + \text{odd} + \text{odd} = \text{odd}$$

Use one-digit numbers to test if this is true e.g.

$$3 + 5 + 7$$

Investigate to find out if this statement is always true, sometimes true or never true.

Thursday

A coat cost £100

Mr Farmer has £58

How much more money does Mr Farmer need to buy the coat?

Friday

Whitney is working out $38 + \square = 100$



The missing number is 72
because I need 2 more ones
and 7 more tens.

Do you agree with Whitney?

Explain your answer.

Talk about it with a partner.