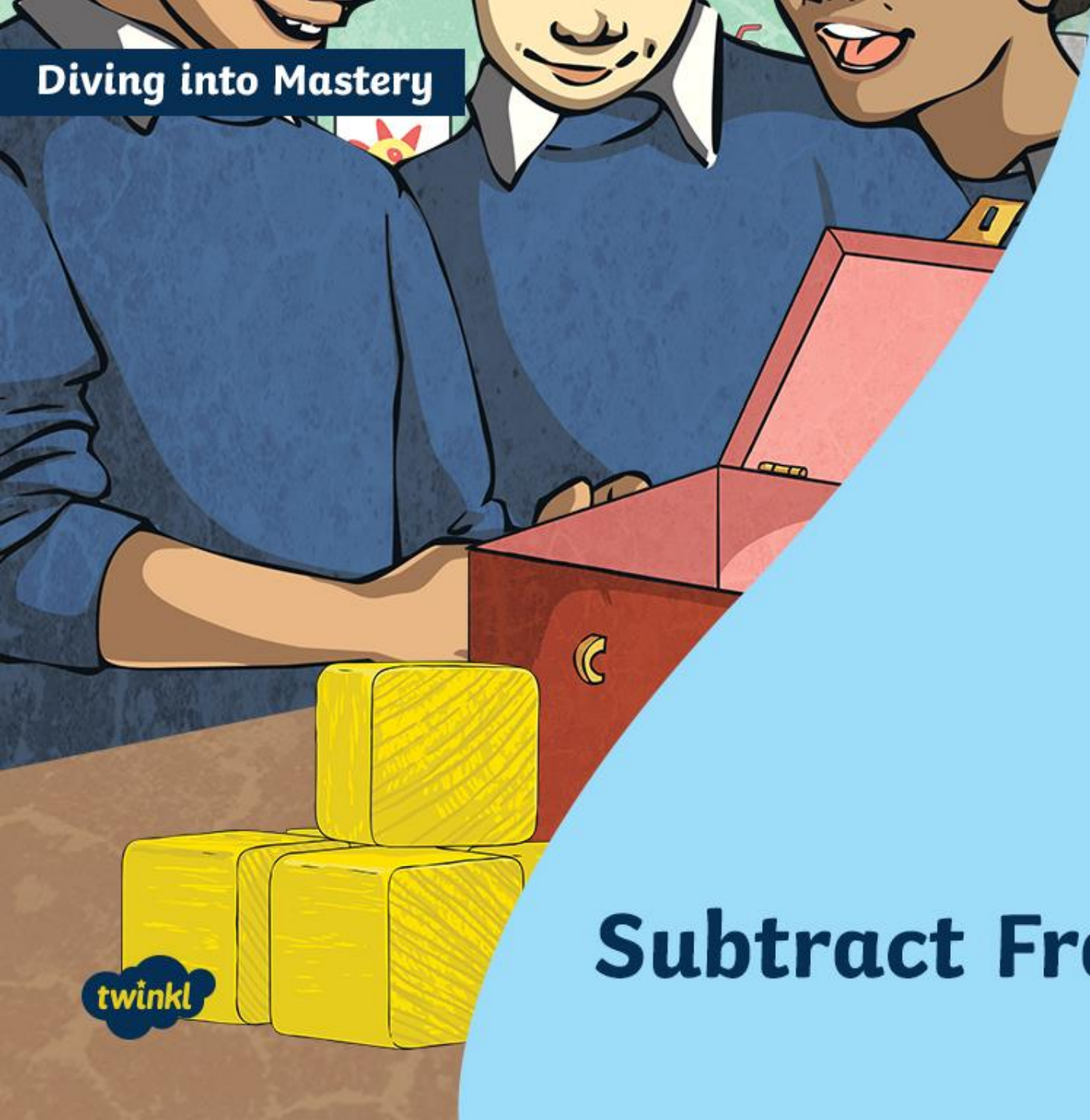




Diving into Mastery



Subtract Fractions

twinkl

Which number sentence does the bar model represent?



$$\frac{6}{7} - \frac{3}{7} = \frac{3}{7}$$

$$\frac{6}{7} - \frac{2}{7} = \frac{4}{7}$$

$$\frac{6}{7} - \frac{4}{7} = \frac{2}{7}$$



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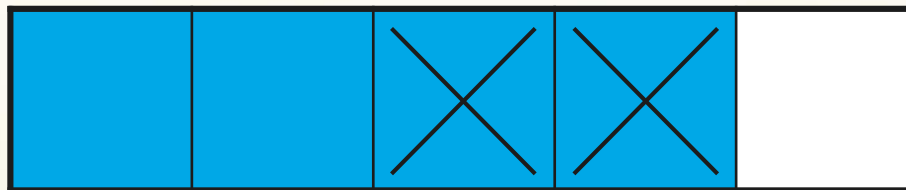
**True or false?
Prove it using a bar model.**

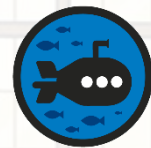
four-fifths subtract two-fifths equals one-fifth



four-fifths subtract two-fifths equals one-fifth

False. $\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$





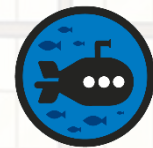
Work out what the missing fractions are.

$$\frac{8}{9} - \frac{3}{9} = \frac{\boxed{5}}{\boxed{9}}$$

$$\frac{5}{6} - \frac{\boxed{1}}{\boxed{6}} = \frac{4}{6}$$

Subtract Fractions

Deeper



Annan is sharing his chocolate bar.

If I share 2 pieces of chocolate, I will still have $\frac{6}{9}$ left over.

**Do you agree with Annan?
Explain your reasoning.**

Annan is incorrect. 2 pieces of chocolate is $\frac{2}{9}$.

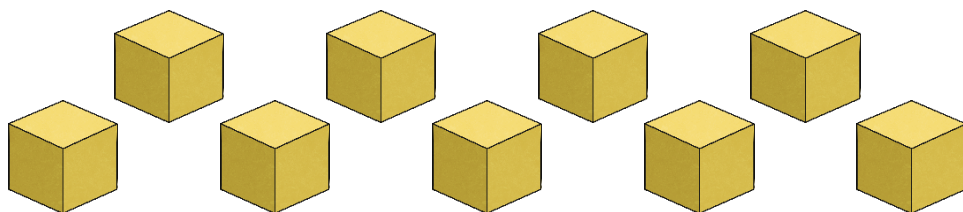
$$\frac{9}{9} - \frac{2}{9} = \frac{7}{9}$$





There were 9 cubes altogether. 3 children each took an odd number of cubes from the set with none remaining.

What fraction of cubes could each child have taken?



$$\frac{9}{9} - \frac{\square}{\square} - \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$$

You could have got these answers:

$$\frac{9}{9} - \frac{1}{9} - \frac{1}{9} - \frac{7}{9} = 0$$

$$\frac{9}{9} - \frac{3}{9} - \frac{3}{9} - \frac{3}{9} = 0$$

$$\frac{9}{9} - \frac{5}{9} - \frac{3}{9} - \frac{1}{9} = 0$$

Did you find any other answers?

