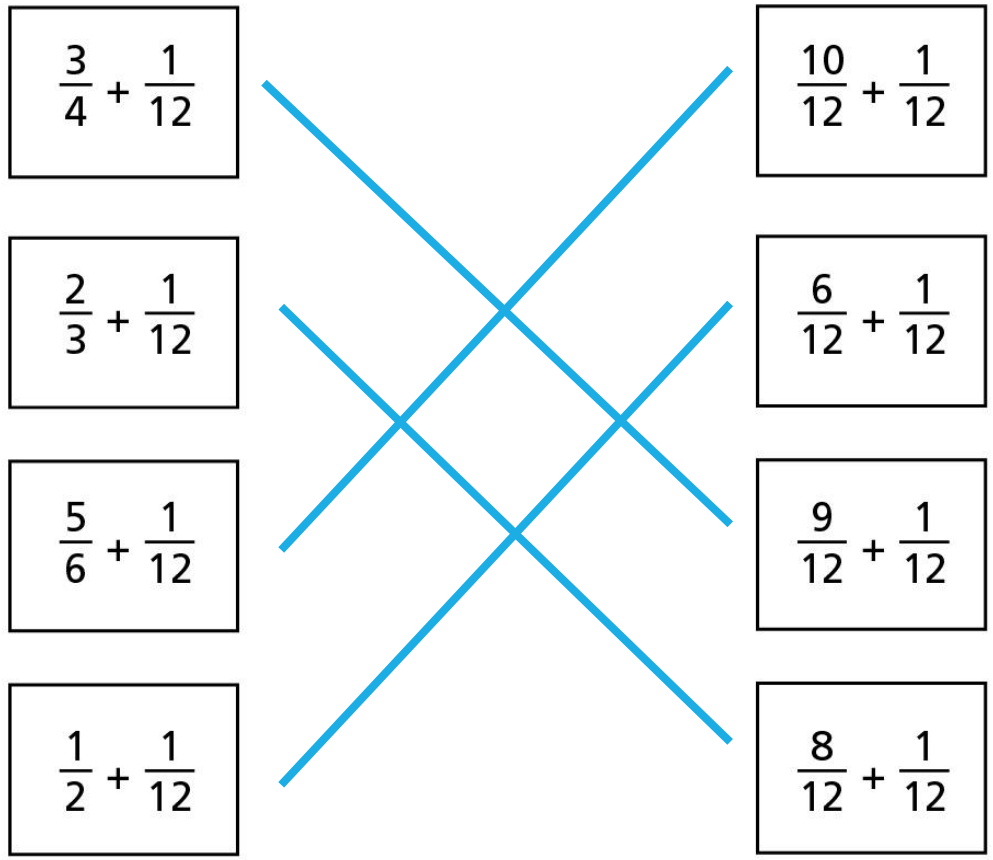
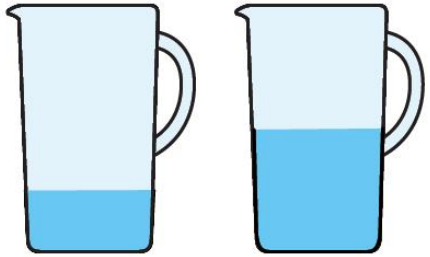
MATHS – YEAR 5

ANSWERS FROM YESTERDAY

2 Match the additions that have the same answer.



3 Here are two jugs.



One jug contains $\frac{5}{18}$ litres of water.

The other jug contains $\frac{4}{9}$ litres of water.

How many litres of water are there altogether?

There are $\boxed{\frac{13}{18}}$ litres of water altogether.

4 **a)** Complete the calculations.

$\frac{1}{5} + \frac{1}{10} = \boxed{\frac{3}{10}}$

$\frac{2}{5} + \frac{1}{10} = \boxed{\frac{5}{10}}$

$\frac{3}{5} + \frac{1}{10} = \boxed{\frac{7}{10}}$

$\frac{4}{5} + \frac{1}{10} = \boxed{\frac{9}{10}}$

$\frac{1}{16} + \frac{5}{32} = \boxed{\frac{7}{32}}$

$\frac{1}{8} + \frac{5}{32} = \boxed{\frac{9}{32}}$

$\frac{1}{4} + \frac{5}{32} = \boxed{\frac{13}{32}}$

$\frac{1}{2} + \frac{5}{32} = \boxed{\frac{21}{32}}$

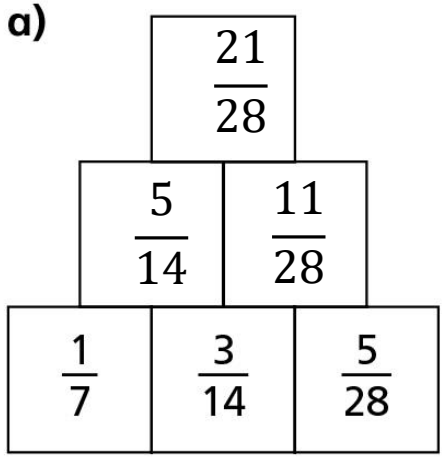
b) Can you spot any patterns? Talk to a partner about it.

c) What calculation would come next in each set?

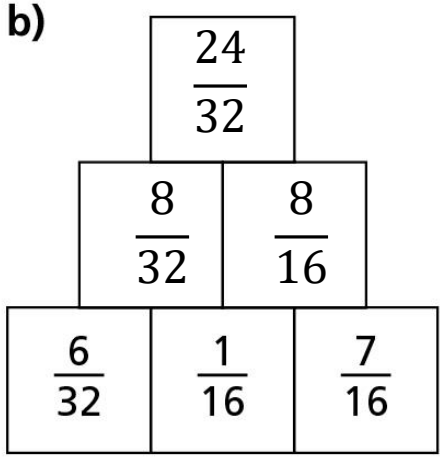
CHALLENGE:

7 Complete the addition pyramids.

a)



b)

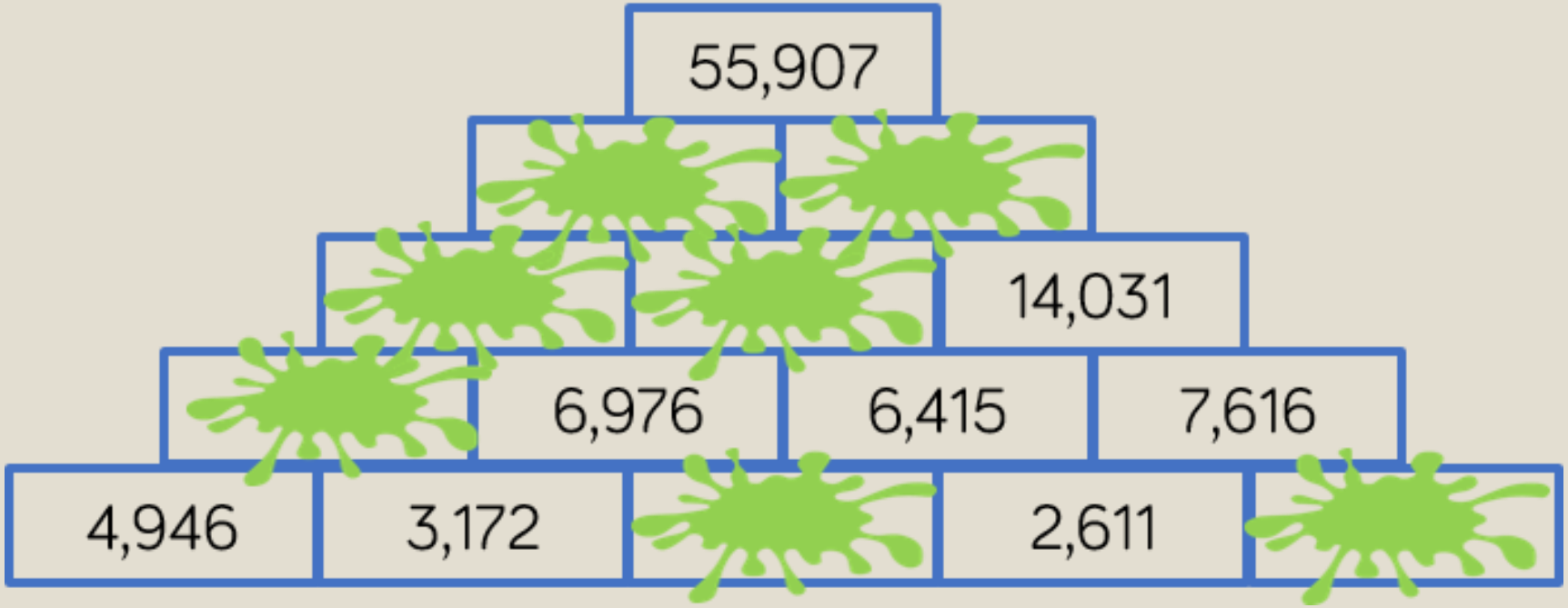


c) What fraction is equivalent to both of the fractions at the top of the pyramids?

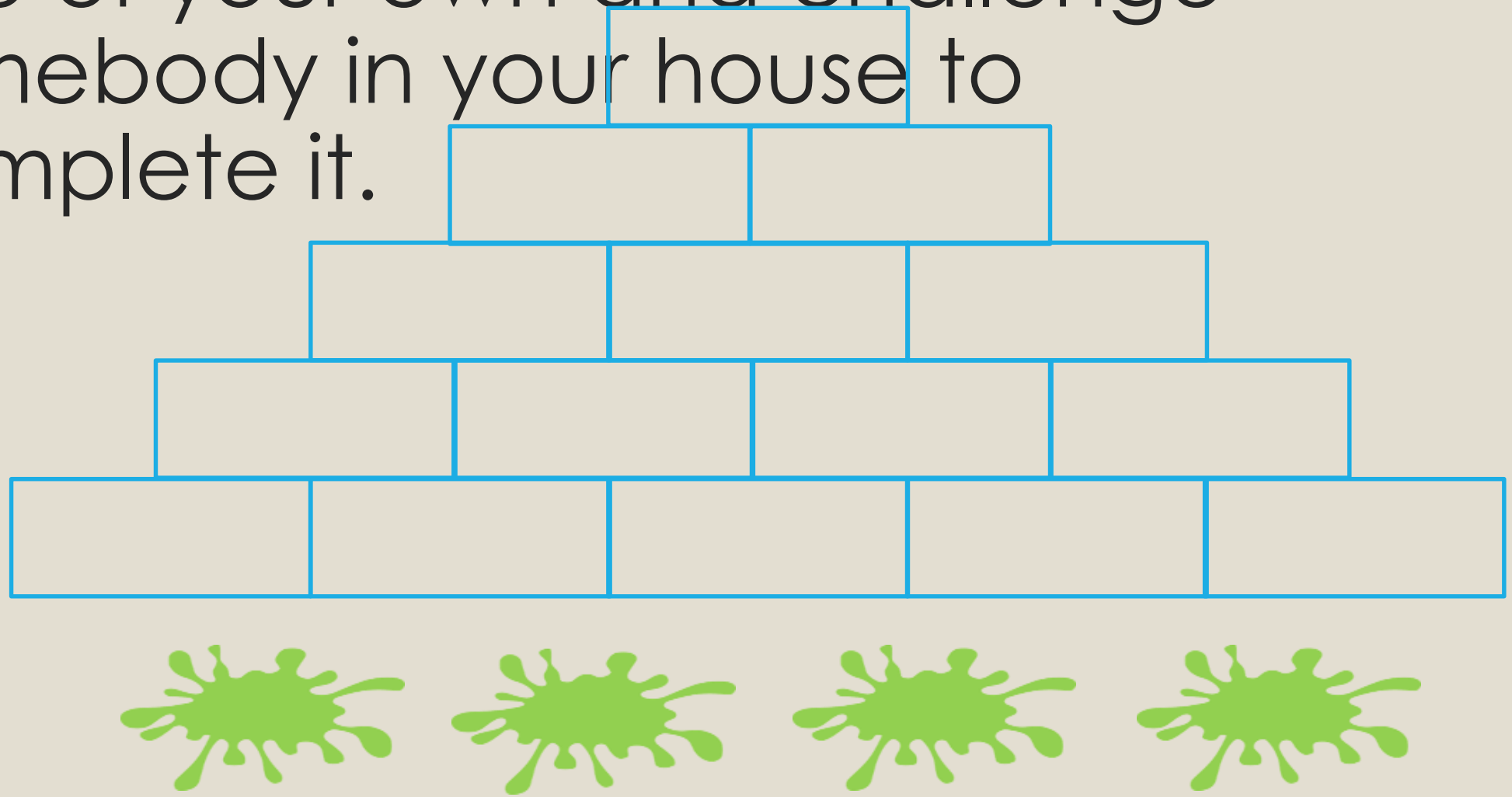
$\frac{3}{4}$

Starter: Addition and Subtraction focus

- Complete using addition and subtraction:



Optional - you may want to create one of your own and challenge somebody in your house to complete it.



OBJ: To add 3 or more fractions together.

- Work through the separate powerpoint on this.

Questions:

Complete the additions.

a) $\frac{1}{5} + \frac{3}{10} + \frac{7}{20} =$ ☐

b) $\frac{1}{16} + \frac{5}{32} + \frac{3}{8} =$ ☐

c) $\frac{1}{4} + \frac{5}{24} + \frac{5}{12} =$ ☐

d) $\frac{3}{16} + \frac{1}{2} + \frac{1}{4} =$ ☐

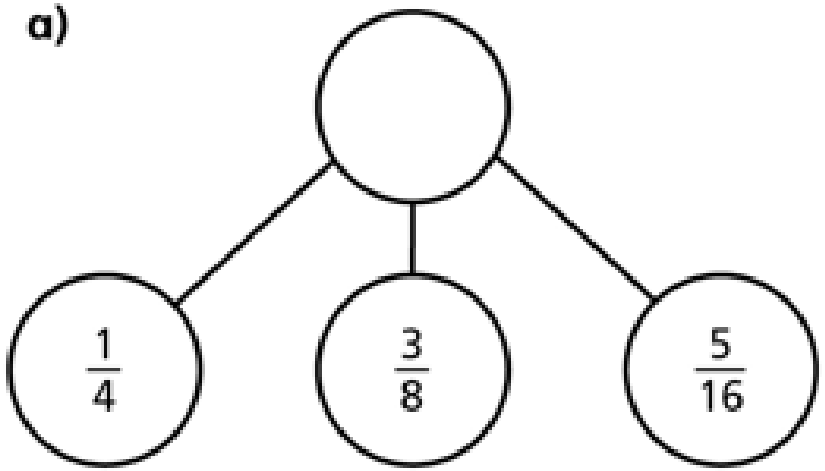
e) $\frac{1}{2} + \frac{5}{18} + \frac{1}{9} =$ ☐

f) $\frac{1}{5} + \frac{8}{35} + \frac{2}{7} =$ ☐

Explain how common multiples help when adding the fractions.

Complete the part-whole models.

a)



b)