

$$d) \frac{8}{7} - \frac{3}{7} = \boxed{\phantom{00}}$$

$$i) \frac{7}{15} + \frac{2}{15} + \frac{8}{15} = \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$e) \frac{7}{9} + \frac{8}{9} = \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$j) \frac{7}{15} - \frac{2}{15} + \frac{8}{15} = \boxed{\phantom{00}}$$

RECALL

Complete the calculations.

Use bar models to help you.

a)  $\frac{1}{2} + \frac{7}{10} = \square = \square$

b)  $\frac{1}{2} + \frac{3}{10} + \frac{1}{5} = \square = \square$

c)  $\frac{2}{3} + \frac{5}{6} + \frac{1}{12} = \square = \square$

GUIDED  
PRACTICE

LO: Adding fractions with different denominators.

Some will even add multiple fractions.

Some will answer word problems.

Most will match up fractions.

All will compare number sentences.

**LEARNING HABIT RESILIENCE.** |



$$\frac{4}{5} + \frac{7}{20} = \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\frac{3}{4} + \frac{5}{12} = \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\frac{3}{5} + \frac{11}{15} = \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\frac{5}{4} + \frac{7}{20} = \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\frac{4}{3} + \frac{5}{12} = \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\frac{5}{3} + \frac{11}{15} = \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

**INTELLIGENT  
PRACTICE.**

## Dive deeper 1

Match the additions that have the same answer.

$$\frac{3}{5} + \frac{9}{20}$$

$$\frac{16}{20} + \frac{9}{20}$$

$$\frac{3}{4} + \frac{9}{20}$$

$$\frac{12}{20} + \frac{9}{20}$$

$$\frac{4}{5} + \frac{9}{20}$$

$$\frac{14}{20} + \frac{9}{20}$$

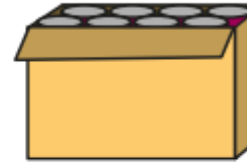
$$\frac{7}{10} + \frac{9}{20}$$

$$\frac{15}{20} + \frac{9}{20}$$

## Dive deeper 2

Dexter has some tins of food. There are four types of food: beans, sweetcorn, soup and tomatoes.

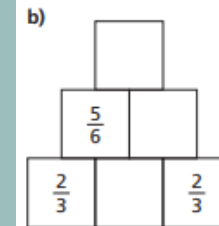
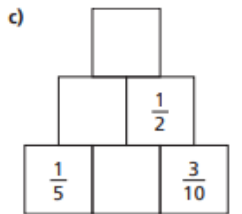
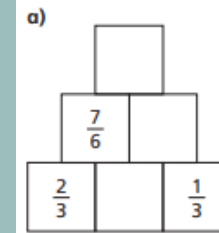
- The total weight of all the tins is 2 kg.
- The tins of beans weigh  $\frac{2}{3}$  kg.
- The tins of sweetcorn weigh  $\frac{5}{12}$  kg.
- The tins of soup weigh  $\frac{1}{4}$  kg.



- Work out the total weight of the tins of beans, sweetcorn and soup.
- How much do the tins of tomatoes weigh?

## Dive deeper 3

Complete the addition pyramids.



# DIVE DEEPER



$$\frac{4}{5} + \frac{7}{20} = \frac{23}{20} = 1 \frac{3}{20}$$



$$\frac{3}{4} + \frac{5}{12} = \frac{19}{12} = 1 \frac{7}{12}$$



$$\frac{3}{5} + \frac{11}{15} = \frac{20}{15} = 1 \frac{5}{15}$$

$$\frac{5}{4} + \frac{7}{20} = \frac{32}{20} = 1 \frac{12}{20}$$

$$\frac{4}{3} + \frac{5}{12} = \frac{21}{12} = 1 \frac{9}{12}$$

$$\frac{5}{3} + \frac{11}{15} = \frac{36}{15} = 2 \frac{6}{15}$$

INTELLIGENT PRACTICE  
ANSWERS

## Dive deeper 1

Match the additions that have the same answer.

$$\frac{3}{5} + \frac{9}{20}$$

$$\frac{16}{20} + \frac{9}{20}$$

$$\frac{3}{4} + \frac{9}{20}$$

$$\frac{12}{20} + \frac{9}{20}$$

$$\frac{4}{5} + \frac{9}{20}$$

$$\frac{14}{20} + \frac{9}{20}$$

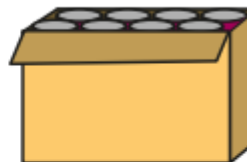
$$\frac{7}{10} + \frac{9}{20}$$

$$\frac{15}{20} + \frac{9}{20}$$

## Dive deeper 2

Dexter has some tins of food. There are four types of food: beans, sweetcorn, soup and tomatoes.

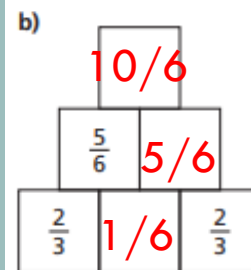
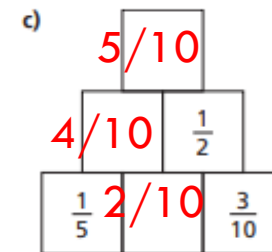
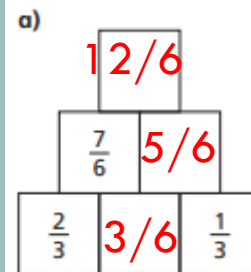
- The total weight of all the tins is 2 kg.
- The tins of beans weigh  $\frac{2}{3}$  kg.
- The tins of sweetcorn weigh  $\frac{5}{12}$  kg.
- The tins of soup weigh  $\frac{1}{4}$  kg.



- a) Work out the total weight of the tins of beans, sweetcorn and soup.  
b) How much do the tins of tomatoes weigh?

- A) They weigh  $1\frac{6}{12}$  kg which is  $1\frac{1}{2}$  kg  
B)  $\frac{3}{4}$  kg

Complete the addition pyramids.



# DIVE DEEPER ANSWERS