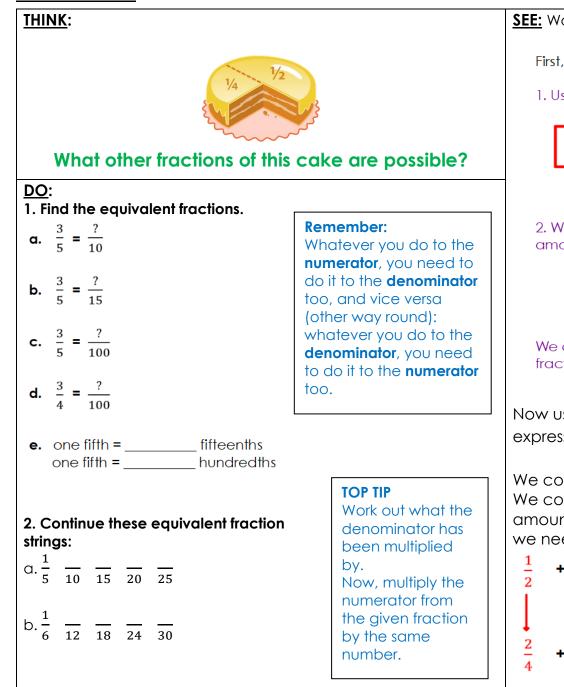
| Year 5 maths – Summer 2 Week 1 beginning: 01.06.20 | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Theme | Fractions Making Equivalent Fractions | Fractions Making Equivalent Fractions | Fractions Making Equivalent Fractions | Fractions Making Equivalent Fractions | Fractions Making Equivalent Fractions | | | | |
| Factual fluency (to aid fluency) | Write down all the equivalent fractions you know for $\frac{1}{2}$ | Practice equivalent fractions here | Practice adding fractions <u>here</u> | Practice subtracting fractions from whole numbers <u>here</u> | Practice equivalent fractions <u>here</u> | | | | |
| Problem/ activity of the day Remember, just like in class, you can still show the depth of your knowledge LINK | (Lesson 1 resources below) <u>MAKING LINKS:</u> Last term, we learnt how to find equivalent fractions by multiplying and dividing the numerator (top number) and the denominator (bottom number) by the same amount. <u>IHINK: (support below)</u> Can you help me with this problem? What other fractions of this cake are possible? <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Mia</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>Via</u> <u>V</u> | (Lesson 2 resources below) <u>MAKING LINKS:</u> Yesterday we learnt how to find equivalent fractions by multiplying the numerator and denominator by the same amount. <u>THINK: (support below)</u> Can you help me with this problem? Three friends collected sweets at Halloween. Jing Sally Mia 1 $\frac{3}{12}$ kg 1 $\frac{2}{6}$ kg Who collected the least amount of sweets? <u>SEE: (model below)</u> Watch the video here. <u>DO:</u> Answer the questions below. | (Lesson 3 resources below) <u>MAKING LINKS:</u> Yesterday we revised how to compare mixed numbers by making the denominators the same. <u>THINK: (support below)</u> Can you help me with this problem? Two friends ate $\frac{4}{6}$ of one pizza and $\frac{1}{2}$ of another. How much pizza did they eat altogether? <u>SEE: (model below)</u> Watch the video here. <u>DO:</u> Answer the questions below. | (Lesson 4 resources below) <u>MAKING LINKS:</u> Yesterday we revised how to add fractions with different denominators by making the denominators the same first. <u>THINK: (support below)</u> Can you help me with this problem? Neil poured $\frac{2}{8}$ L of cranberry juice from a bottle that contained $\frac{1}{2}$ L. How much was left in the bottle? <u>SEE: (model below)</u> Watch the video <u>here</u> . <u>DO:</u> Answer the questions below. | (Lesson 5 resources below) <u>MAKING LINKS:</u> Yesterday we revised how to subtract fractions with different denominators by making the denominators the same first. <u>IHINK: (support below)</u> Can you help me with this problem? Can you help me with this problem? The shoes cost $2\frac{1}{2}$ times as much as the t-shirt. How much do the shoes cost? <u>SEE: (model below)</u> Watch the video <u>here</u> . <u>DO:</u> Answer the questions below. | | | | |
| Methods, tips, clues & checks | Day 1 resources and answers (below) | Day 2 resources and answers (below) | Day 3 resources and answers (below) | Day 4 resources and answers (below) | Day 5 resources and answers (below) | | | | |

See below for resources to support you to THINK-SEE-DO



DAY 1 RESOURCES:





SEE: Watch the video here.

First, let's think about other ways we could express $\frac{1}{2}$.

1. Use a fractions wall:



 $\frac{1}{4} \quad \frac{1}{4} \quad \frac{1}{5} \quad \frac{1}$

2. We can multiply the numerator and the denominator by the same amount to find more equivalent fractions:



We can continue using this method to find many more equivalent fractions such as $\frac{12}{24}$ or $\frac{50}{100}$

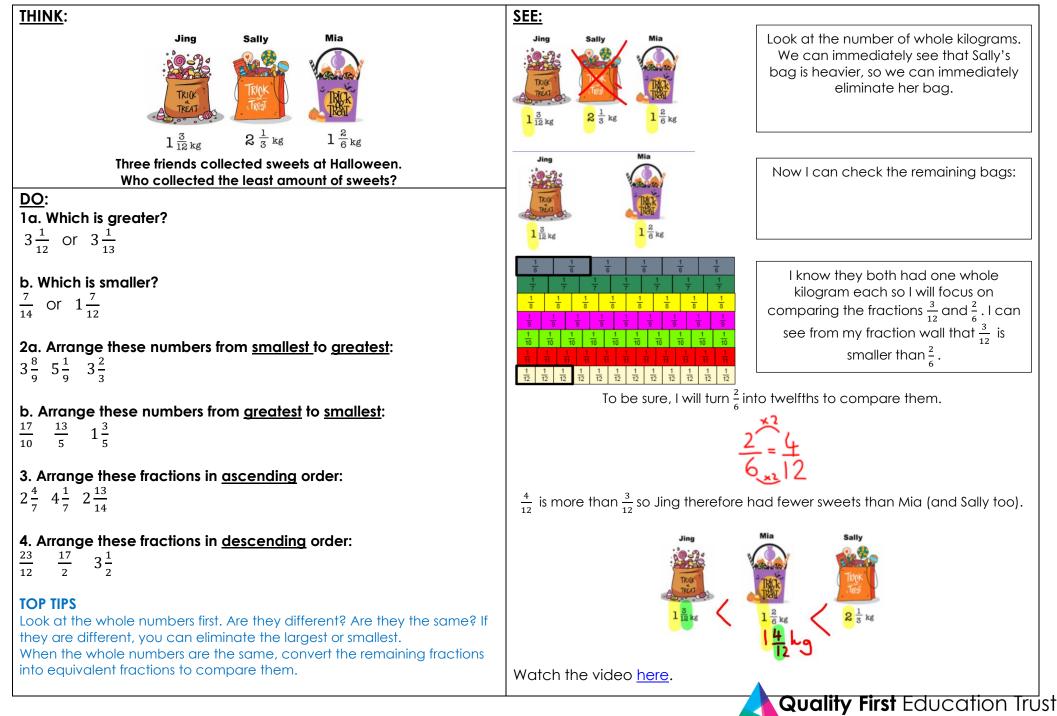
Now use this interactive fractions wall to investigate other ways of expressing $\frac{1}{4}$.

We could also think about solving the problem in a different way. We could add up the total amount of cake and then use the total amount of cake to find equivalent fractions. To do this accurately, we need to make sure our denominators are the same.

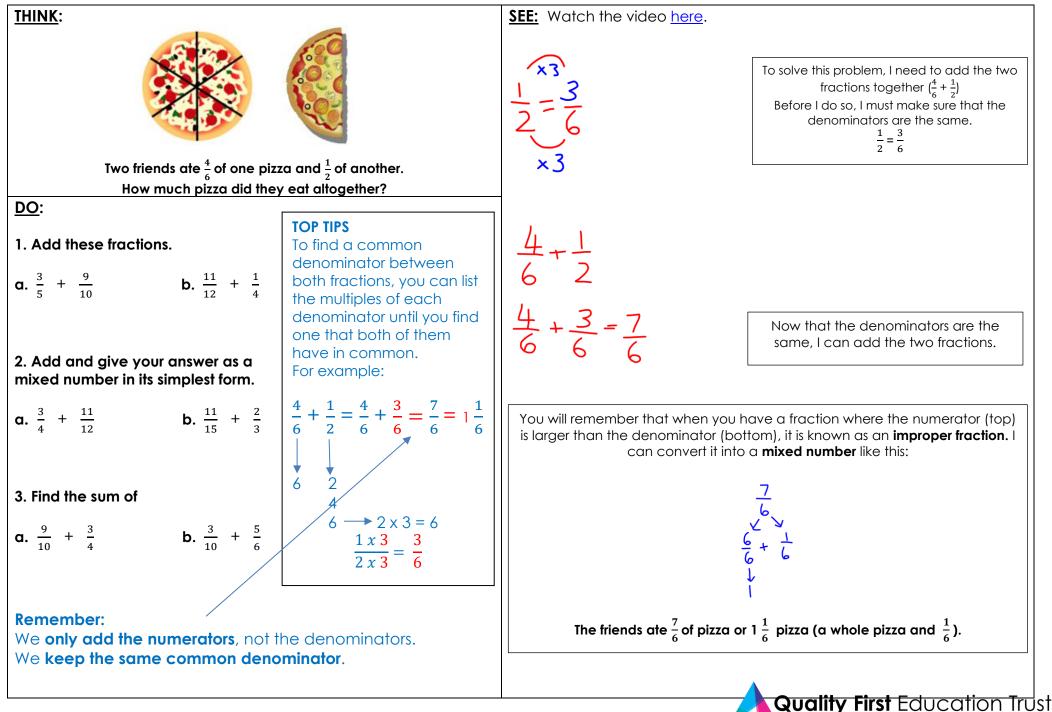
 $\frac{\frac{1}{2}}{\frac{1}{4}} + \frac{1}{4}$ $\frac{\frac{2}{4}}{\frac{1}{4}} + \frac{1}{4} =$

| 3 | 6 | 9 | 12 |
|---|---|----|----|
| 4 | 8 | 12 | 16 |

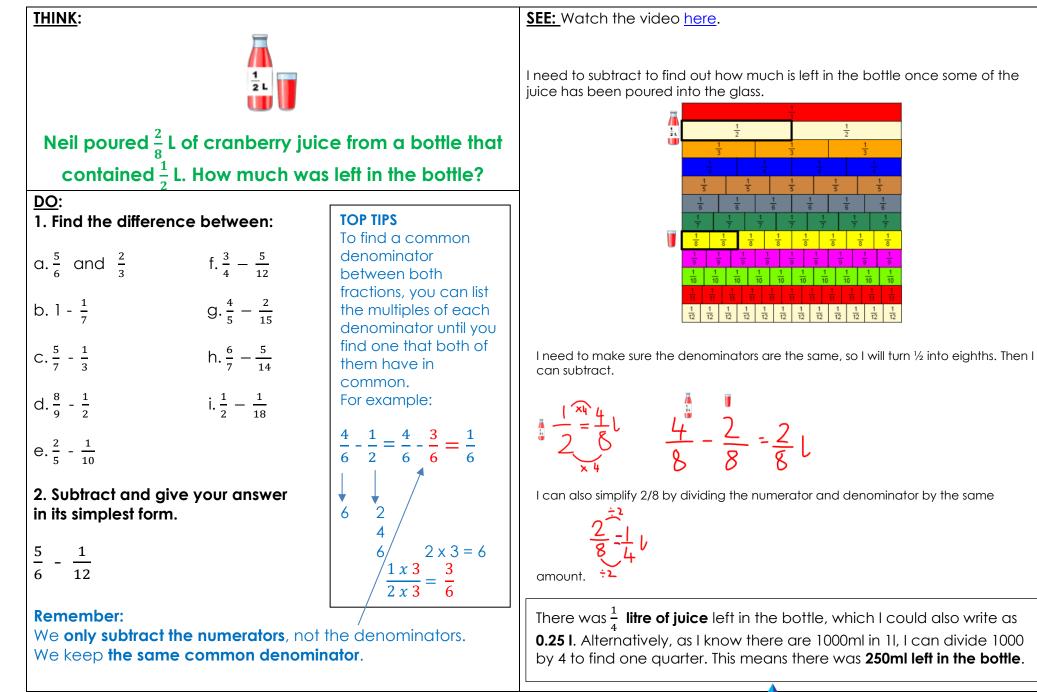
DAY 2 RESOURCES:



DAY 3 RESOURCES:



DAY 4 RESOURCES:

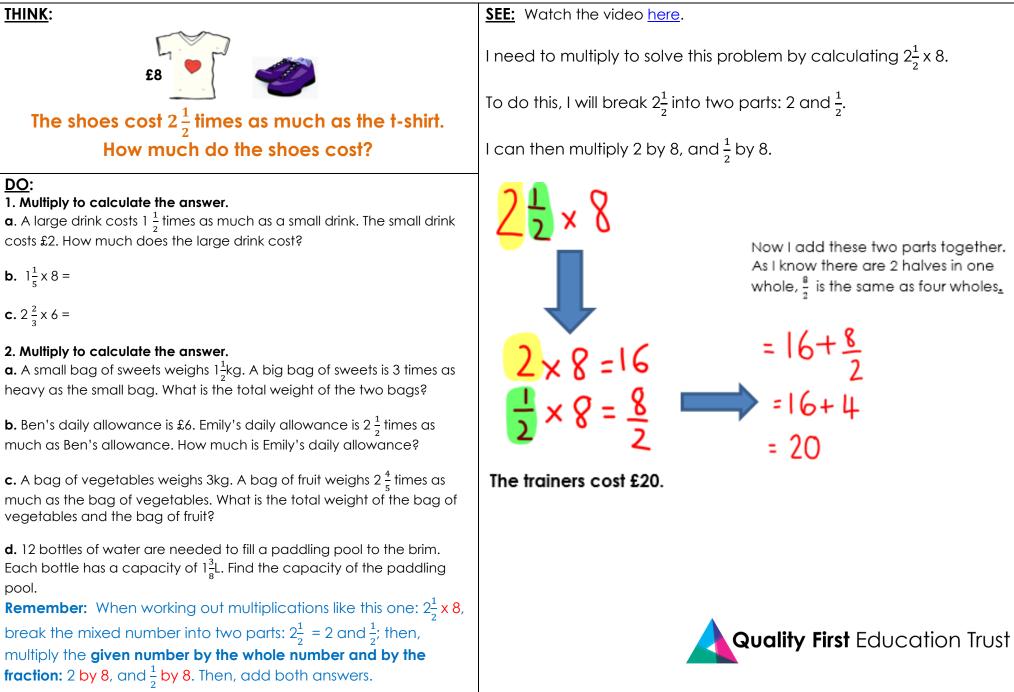


DAY 5 RESOURCES:

THINK:

DO:

pool.



ANSWERS

| <u>Day 1</u> | <u>Day 2</u> | Day 3 | Day 4 | <u>Day 5</u> |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------|--------------------------|-----------------------------|
| Question 1 | Question 1 | Question 1 | Question 1 | Question 1 |
| $\alpha. \frac{3}{5} = \frac{6}{10}$ | a. $3\frac{1}{12}$ | a. $1\frac{1}{2}$ | G. $\frac{1}{6}$ | a. £3 |
| b. $\frac{3}{5} = \frac{9}{15}$ | b. $\frac{7}{14}$ | b. $1\frac{1}{6}$ | b. $\frac{6}{7}$ | b. $9\frac{3}{5}$ |
| C. $\frac{3}{5} = \frac{60}{100}$ | Question 2 a. $3\frac{2}{3}$ $3\frac{8}{9}$ $5\frac{1}{9}$ | 6 Question 2 | C. $\frac{8}{21}$ | c. 16 |
| d. $\frac{3}{4} = \frac{75}{100}$ | | a. $1\frac{2}{3}$ | d. $\frac{7}{18}$ | Question 2 a. 6kg |
| e. three fifteenths twenty hundredths | b. $\frac{13}{5}$ $\frac{17}{10}$ $1\frac{3}{5}$ | b.1 $\frac{2}{5}$ | $e.\frac{3}{10}$ | b.£15 |
| Question 2 $a. \frac{1}{5} = \frac{2}{10} = \frac{3}{15} = \frac{4}{20} = \frac{5}{25}$ | Question 3 $2\frac{4}{7}$ $2\frac{13}{14}4\frac{1}{7}$ | S Question 3 | f. $\frac{1}{3}$ | c. 11 $\frac{2}{5}$ kg |
| | 7 14 7 Question 4 $\frac{17}{2}$ $3\frac{1}{2}$ $\frac{23}{12}$ | a. $1\frac{13}{20}$ | g. $\frac{2}{3}$ | d. $16\frac{1}{2}L$ |
| b. $\frac{1}{6}$ $\frac{2}{12}$ $\frac{3}{18}$ $\frac{4}{24}$ $\frac{5}{30}$ | | b. $1\frac{2}{15}$ | h. $\frac{1}{2}$ | |
| | | 15 | i. 4 9 | |
| | | | Question 2 $\frac{3}{4}$ | |
| | | | T | |

