

Maths

Activity 1: Watch the first part of the video on adding and subtracting fractions with the same denominator then have a go at the activity 1 questions below.

Activity 2: Rewatch the video including the second part and have a go at the questions on activity 2. If you are finding it hard to find the common denominators – check out the videos from Week 1 on comparing and ordering fractions.

Maths Skills Practise:

Arithmetic

Monday	Tuesday	Wednesday	Thursday	Friday
$9351 + 7372$	$7463 + 4719$	$5621 + 7301$	$2957 + 5621$	$8239 + 5245$
$6923 - 1128$	$9023 - 2332$	$5612 - 4382$	$4295 - 3021$	$6301 - 3428$
92×63	76×54	31×72	89×56	95×17
$958 \div 7$	$1230 \div 3$	$636 \div 6$	$925 \div 5$	$1827 \div 9$
$\frac{3}{4}$ of 80	$\frac{2}{5}$ of 100	$\frac{2}{3}$ of 246	$\frac{5}{6}$ of 120	$\frac{9}{10}$ of 120

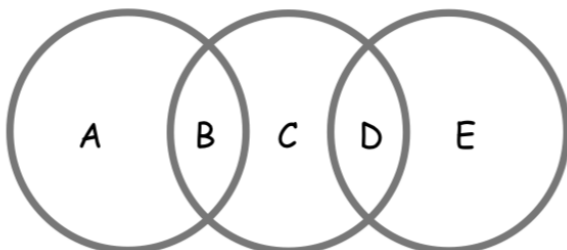
Reasoning & Problem Solving

Try any of the challenges on this website:

<http://www.iseemaths.com/lessons56/>

Challenge:

Use each of the digits 1 to 5 once.
Replace each letter by one of the digits.
Make the total in each circle the same.



Activity 1 – Adding & Subtraction Fractions with the Same Denominator

Solve these problems. Drawing a bar model may help you

$$\frac{3}{8} + \frac{3}{8}$$

$$\frac{5}{6} + \frac{1}{6}$$

$$\frac{5}{8} - \frac{1}{8}$$

$$1 - \frac{2}{5}$$

$\frac{2}{6}$ of the class like football and $\frac{1}{6}$ of the class like basketball? What fraction of the class don't like either?

$\frac{4}{10}$ of the books were handed out in the morning and $\frac{3}{10}$ of the books were handed out in the afternoon. What fraction of the books still needed to be handed out?

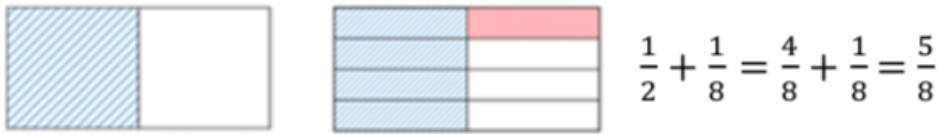
Jessica says, ' $\frac{2}{5} + \frac{1}{5} = \frac{2}{10}$ '. What mistake has been made? What should the correct answer be?

Activity 2 – Adding Fractions with Different Denominators

Hint: If you find this tricky – look back at the comparing and ordering fractions videos from Week 1.

Mo is calculating $\frac{1}{2} + \frac{1}{8}$

He uses a diagram to represent the sum.



Use Mo's method to solve :

$$\frac{1}{2} + \frac{3}{8}$$

$$\frac{1}{4} + \frac{3}{8}$$

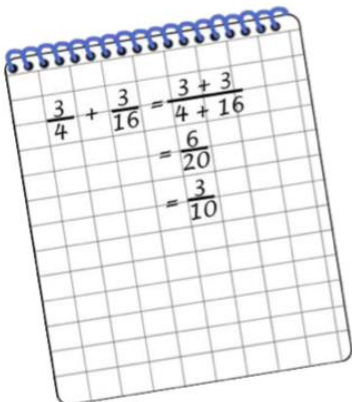
$$\frac{7}{10} + \frac{1}{5}$$

Find the missing number

$$\frac{5}{16} + \frac{\square}{8} = \frac{15}{16}$$

$$\frac{\square}{20} + \frac{7}{10} = \frac{17}{20}$$

Spot & explain the mistake



Challenge:

Jack has added 2 fractions with different denominators together to get an answer of $\frac{17}{18}$

One of the fractions numerator is odd

One of the fractions has a denominator of 18

One of the fractions denominators is less than 18

What 2 fractions could he have added?

Find all the possibilities