

Canonbury Home Learning <u>Year 6 Maths</u> <u>Developing activity</u> <u>Lesson 3</u> LO: TBAT add fractions.

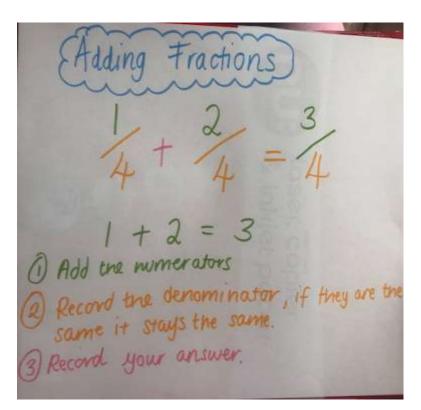
Success Criteria:

1. Write out the addition.

2. Add the numerators together.

3. Remember if both denominators are the same, the answer will have the same denominator.

<u>Model</u>



 $\begin{array}{c|c} \hline 2 \\ \hline 6 \\ \hline 7 \\ \hline 6 \\ \hline 6 \\ \hline 7 \\ \hline 7 \\ \hline 6 \\ \hline 7 \\ \hline 7$ 

 $(1) \frac{3}{4} + \frac{2}{4} = =$ 

Add these fractions. Use the pizza slices to help you.

Now you try...



Canonbury Home Learning <u>Year 6 Maths</u> <u>Expected/ Greater depth activity</u> <u>Lesson LO: TBAT solve problems including fractions.</u> Task:

You are going apply your knowledge to solve several problems including fractions.

### Success Criteria:

	1. Simplify the fractions to compare them
	2. To find fractions of amounts divide by the denominator and x by the numerator
	3. For some questions you may need to use one of the 4 operations.
Recap:	

Comparing Fractions order from largest to smallest. 5/10 8/16 10 14 10 Fractions of Amounts  $2 \circ f 30 = 15$ because 30 = 2 = 151) Do the easy ones first! 12 = 12 5/10 simplified = 1/2 2) Fand any others that could be simplified \$/16 = 1/2 4 of 20 = 15 because 20 0 4 = 5 (3) Find the largest 9/10 because () Use x tables knowledge 8 \$ 12 are in 4x table 1/2 (4) of 20 = 35 (2) Divede the numerator by (4) Begin recording in order. because  $1 \times 20 = 20$ 4. 8:4 = 2 9/10, 3/4, 5/0, /16, /10 3 Divide the denominator by -D 5 × 3 = 15 20 + 15 = 35tick the fractions These are 4. 1284=3 as you record them. equivalent



# Canonbury Home Learning

# <u>Year 6 Maths</u>

# <u>Main activity</u>

Complete at least 2 columns, more if you can!

<u>Task 1</u>	<u>Task 2</u>	<u>Task 3</u>	<u>Task 4</u>
Practice Write which fraction is the	Arithmetic	Problem Solving	Reasoning
odd one out.	22 0.7 × 5 =	<u>Task 1</u> 5	Task 1
1. $\frac{2}{4}$ , $\frac{8}{16}$ , $\frac{3}{5}$ , $\frac{4}{8}$		Tick the fractions less than 8	Find the total of the fractions.
1. $\frac{2}{4}$ , $\frac{8}{16}$ , $\frac{3}{5}$ , $\frac{4}{8}$ 2. $\frac{3}{6}$ , $\frac{1}{3}$ , $\frac{3}{9}$ , $\frac{4}{12}$	$\frac{1}{8} \times \frac{1}{2} =$	$\frac{1}{2}$	Give your answer in its simplest form.
3 1 2 2 4			$\frac{5}{9} + \frac{1}{9} = \frac{5}{9} + \frac{3}{9} = \frac{5}{9} + \frac{7}{9} =$
<b>3.</b> $\frac{1}{5}$ , $\frac{2}{7}$ , $\frac{2}{10}$ , $\frac{4}{20}$ <b>4.</b> $\frac{3}{4}$ , $\frac{9}{12}$ , $\frac{30}{40}$ , $\frac{12}{15}$	24 <u>3326</u> × <u>29</u>	2 8	Do all the answers need simplifying?
		<u>3</u> 4	Explain why.
Simplify these fractions: 5. $\frac{6}{12}$	25 34)7990 =	7 16	
			<u>Task 2</u>
$\begin{array}{cccc} 6. & \frac{10}{40} \\ 7. & \frac{6}{10} \\ 8. & \frac{10}{100} \end{array}$	<b>26</b> $65\% = \frac{?}{20}$	<u>24</u> 32	Tommy is simplifying $4\frac{12}{16}$
0. 100	20	Task 2	$4\frac{12}{16} = 1\frac{3}{4}$
	<b>27</b> $3\frac{3}{8} - 1\frac{5}{8} =$	potatoes carrots £1.50 per kg £1.80 per kg	Explain Tommy's mistake.
	29 3 1	Jack buys $1\frac{1}{2}$ kg of potatoes and $\frac{1}{2}$ kg of carrots.	
	$\frac{3}{5} + \frac{1}{4} =$	How much change does he get from £5?	



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