Homework/Extension
Step 9: Non-Unit Fractions

Teaching Note: All reference to fractions are in relation to the shaded part of the shape.

National Curriculum Objectives:

Mathematics Year 2: (2F1a) Recognise, find, name and write fractions 1/3 , 1/4 , 2/4 and 3/4 of a length, shape, set of objects or quantity
Mathematics Year 2: (2F1b) Write simple fractions for example, 1/2 of 6 = 3

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Match unit and non-unit fractions for quarters and thirds to their representations in order to find the odd one out. Representations involve shapes including circles, rectangles and quadrilaterals.
Expected Match unit and non-unit fractions for quarters and thirds to their representations in order to find the odd one out. Representations involve shapes including circles, triangles, quadrilaterals and polygons.
Greater Depth Match unit and non-unit fractions for quarters and thirds to their representations in order to find the odd one out. Including fractions of amounts using shapes divided into multiple parts representing the whole.

Questions 2, 5 and 8 (Varied Fluency)
Developing Complete unit and non-unit fractions for quarters and thirds or their representations. Representations involve shapes including circles, rectangles and quadrilaterals.
Expected Complete unit and non-unit fractions for quarters and thirds or their representations. Representations involve shapes including circles, triangles, quadrilaterals and polygons.
Greater Depth Complete unit and non-unit fractions for quarters and thirds or their representations. Including fractions of amounts using shapes divided into multiple parts representing the whole.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Explain if a sentence involving a non-unit fraction is correct. Pictorial support provided with shape already divided into equal parts.
Expected Explain if a sentence involving a non-unit fraction is correct.
Greater Depth Explain if a sentence involving a non-unit fraction is correct. Including fractions of amounts using shapes divided into multiple parts representing the whole.
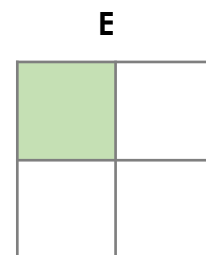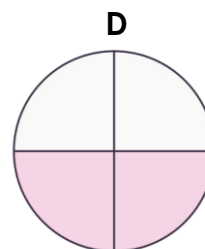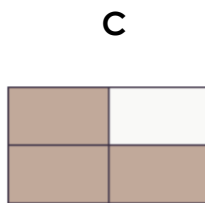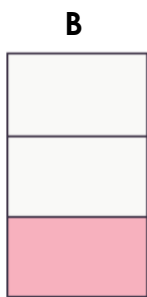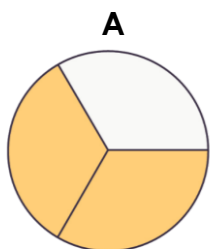
More Year 2 Fractions resources.

Did you like this resource? Don't forget to review it on our website.

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Homework/Extension – Non-Unit Fractions – Teaching Information

Non-Unit Fractions

1. Match each image to a fraction to find the odd one out.

A   B   C   D   E

$$\frac{1}{4} \qquad \frac{3}{4} \qquad \frac{1}{3} \qquad \frac{2}{3} \qquad \frac{4}{4} \qquad \frac{2}{4}$$

VF
HW/Ext

2. Complete the fractions and images so they match.

A   B   C   D   E
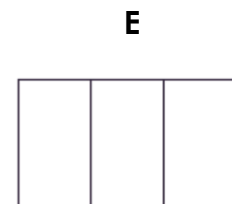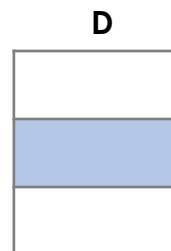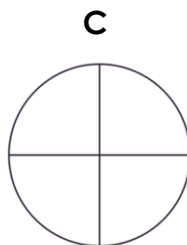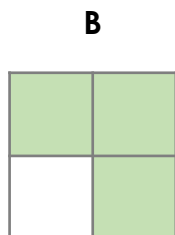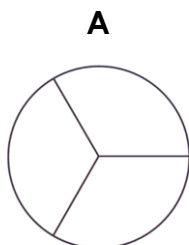
$$\frac{3}{3} \qquad \frac{\boxed{}}{\boxed{}} \qquad \frac{2}{4} \qquad \frac{\boxed{}}{\boxed{}} \qquad \frac{2}{3}$$
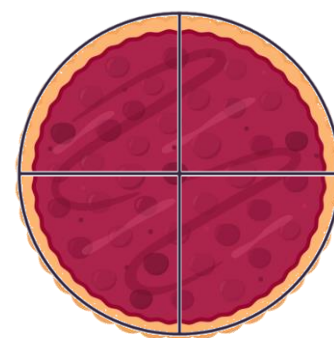
VF
HW/Ext

3. Elliot says,

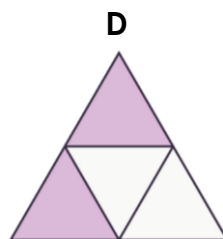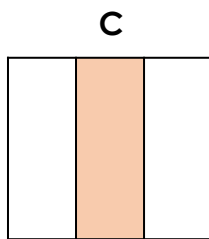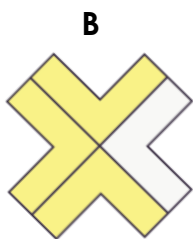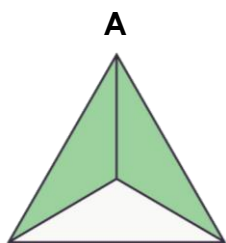> I cut a jam tart into 4 equal slices. I ate 3 of the slices so I ate $\frac{2}{4}$ of the jam tart.

Is he correct? Explain your answer.

RPS
HW/Ext

Non-Unit Fractions

4. Match each image to a fraction to find the odd one out.

A	B	C	D	E

$\dfrac{1}{4}$	$\dfrac{3}{4}$	$\dfrac{1}{3}$	$\dfrac{2}{3}$	$\dfrac{4}{4}$	$\dfrac{2}{4}$

5. Complete the fractions and images so they match.

A	B	C	D	E
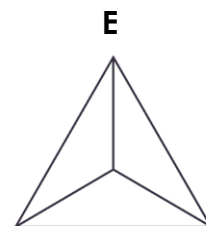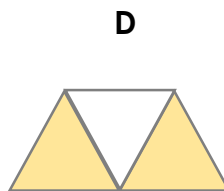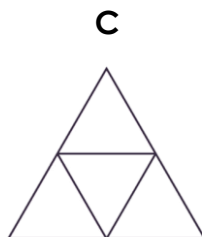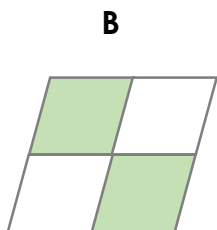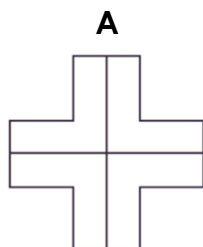
$\dfrac{3}{4}$	$\dfrac{}{}$	$\dfrac{1}{4}$	$\dfrac{}{}$	$\dfrac{3}{3}$

6. Maddie says,

> I cut a pizza into 3 equal slices. I ate 2 of the slices so I ate $\dfrac{2}{4}$ of the pizza.

Is she correct? Explain your answer.

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Homework/Extension – Non-Unit Fractions – Year 2 Expected

Non-Unit Fractions

7. Match each image to a fraction to find the odd one out.

A	B	C	D	E
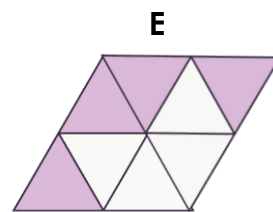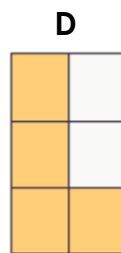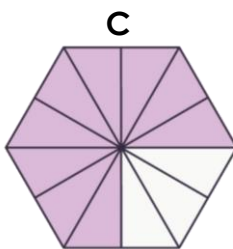
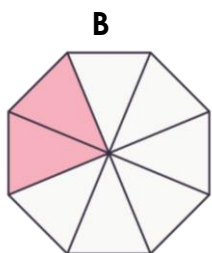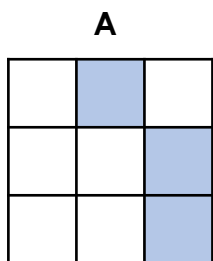$$\frac{1}{4} \qquad \frac{3}{4} \qquad \frac{1}{3} \qquad \frac{2}{3} \qquad \frac{4}{4} \qquad \frac{2}{4}$$

VF
HW/Ext

8. Complete the fractions and images so they match.

A	B	C	D	E
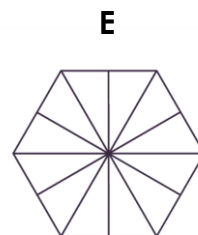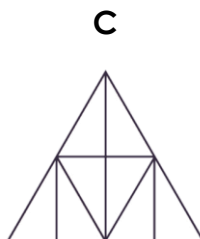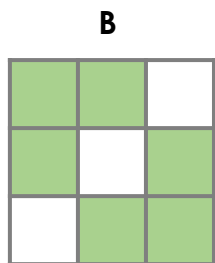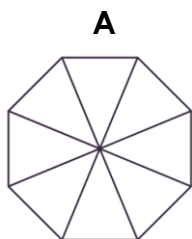
$$\frac{3}{4} \qquad \frac{\boxed{}}{\boxed{3}} \qquad \frac{2}{4} \qquad \frac{\boxed{}}{\boxed{4}} \qquad \frac{2}{3}$$

VF
HW/Ext

9. Seth says,
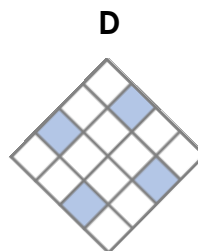
My bar of chocolate had 12 pieces. I ate 8 of the pieces so I ate $\frac{2}{3}$ of the bar of chocolate.

Is he correct? Explain your answer.

RPS
HW/Ext

Homework/Extension
Non-Unit Fractions

Developing

1. A. $\frac{2}{3}$; B. $\frac{1}{3}$; C. $\frac{3}{4}$; D. $\frac{2}{4}$; E. $\frac{1}{4}$.
$\frac{4}{4}$ is the odd one out.

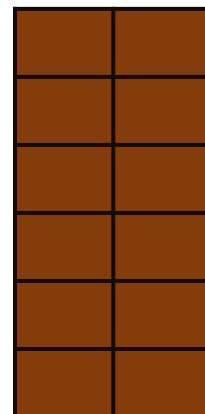2. A. 3 parts shaded; B. $\frac{3}{4}$; C. Any 2 parts shaded; D. $\frac{1}{3}$; E. Any 2 parts shaded.

3. Elliot is incorrect because he ate 3 of the 4 equal slices so he ate $\frac{3}{4}$ of the jam tart.

Expected

4. A. $\frac{2}{3}$; B. $\frac{3}{4}$; C. $\frac{1}{3}$; D. $\frac{2}{4}$; E. $\frac{4}{4}$.
$\frac{1}{4}$ is the odd one out.

5. A. Any 3 parts shaded; B. $\frac{2}{4}$; C. Any 1 part shaded; D. $\frac{2}{3}$; E. 3 parts shaded.

6. Maddie is incorrect. The pizza was cut into 3 equal slices. This means each slice is a third so she ate $\frac{2}{3}$ of the pizza.

Greater Depth

7. A. $\frac{1}{3}$; B. $\frac{1}{4}$; C. $\frac{3}{4}$; D. $\frac{2}{3}$; E. $\frac{2}{4}$.
$\frac{4}{4}$ is the odd one out.

8. A. Any 6 parts shaded; B. $\frac{2}{3}$; C. Any 4 parts shaded; D. $\frac{1}{4}$; E. Any 8 parts shaded.

9. Seth is correct. 4 pieces of the bar is $\frac{1}{3}$ so 8 pieces is $\frac{2}{3}$.

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