Homework/Extension
Step 6: Recognise a Third

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 Sort shapes into a table according to whether they have one third shaded or not. Using only circles, squares and quadrilaterals.
Expected Sort shapes into sorting hoops according to whether they have one third shaded or not. Using circles, triangles, quadrilaterals and polygons.
Greater Depth Sort shapes into a Carroll diagram according to whether they have one third unshaded or not/have equal or unequal parts. Using circles, triangles, quadrilaterals and polygons.

Questions 2, 5 and 8 (Varied Fluency)
Developing Fill in the blanks in three sentences using the cards provided. Using a circle as visual support.
Expected Fill in the blanks in three sentences using the cards provided. Using a triangle as visual support.
Greater Depth Fill in the blanks in three sentences using the cards provided. Using a square with unconventional thirds.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Explain which statement is incorrect. Using only circles, squares and quadrilaterals.
Expected Explain which statement is incorrect. Using circles, triangles, quadrilaterals and polygons.
Greater Depth Explain which statement is incorrect. Using circles, triangles, quadrilaterals and polygons.

More Year 2 Fractions resources.

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

Recognise a Third

1. Sort these shapes into the table.

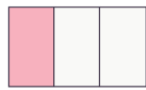| $\frac{1}{3}$ shaded	not $\frac{1}{3}$ shaded

A.   B.   C.   D.   E.

2. Fill in the blanks using the cards below.

one third	3	$\frac{1}{3}$

This shape has been divided into _____ equal parts.

The shaded part is worth _____ .

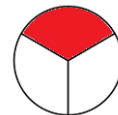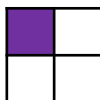This is the same as _____ .

3. Who is incorrect? Explain your answer.

2 of these shapes show $\frac{1}{3}$ shaded.

Jakub

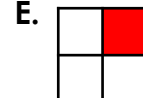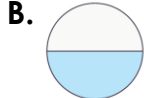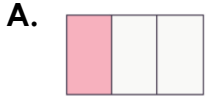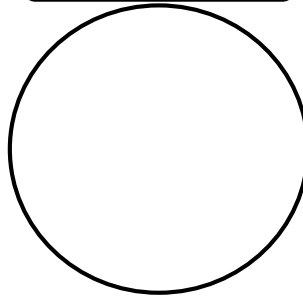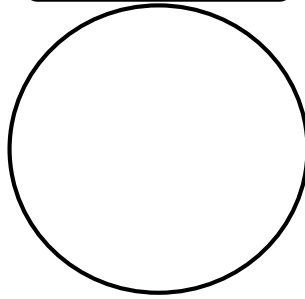3 of these shapes show $\frac{1}{3}$ shaded.

Naseem

Recognise a Third

4. Sort these shapes into the correct hoop.

$\frac{1}{3}$ shaded

not $\frac{1}{3}$ shaded

A. B. C. D. E. F.

5. Fill in the blanks using the cards below.

| one third | **3** | $\frac{1}{3}$ |

This shape has been divided into _____ equal parts.

The shaded part is worth _____ .

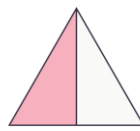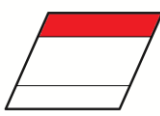This is the same as _____ .

6. Who is incorrect? Explain your answer.

2 of these shapes show $\frac{1}{3}$ shaded.

4 of these shapes show $\frac{1}{3}$ shaded.

Ling

Evie

classroomsecrets.co.uk

Homework/Extension – Recognise a Third – Year 2 Expected

Recognise a Third

7. Sort these shapes into the Carroll diagram.

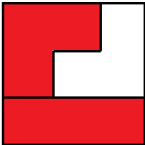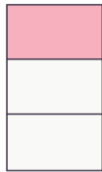|	$\frac{1}{3}$ unshaded	not $\frac{1}{3}$ unshaded
equal parts		
unequal parts		

A. B. C. D. E. F.

VF
HW/Ext

8. Fill in the blanks using the cards below.

| one third | 3 | $\frac{1}{3}$ |

This shape has been divided into _____ equal parts.
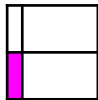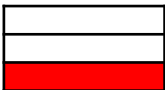
The unshaded part is worth _____ .

This is the same as _____ .

VF
HW/Ext

9. Who is incorrect? Explain your answer.

Liam: 2 of these shapes show $\frac{1}{3}$ unshaded.

Alice: 2 of these shapes show $\frac{1}{3}$ shaded.

RPS
HW/Ext

<u>Developing</u>

1. $\frac{1}{3}$ shaded = B, C, E; not $\frac{1}{3}$ shaded = A and D

2. This shape has been divided into 3 equal parts. The shaded part is worth one third. This is the same as $\frac{1}{3}$.

3. Jakub is incorrect because the two circles and one rectangle both have $\frac{1}{3}$ shaded.

<u>Expected</u>

4. $\frac{1}{3}$ shaded = A, D, F; not $\frac{1}{3}$ shaded = B, C, E

5. This shape has been divided into 3 equal parts. The shaded part is worth one third. This is the same as $\frac{1}{3}$.

6. Evie is incorrect because she has included 2 shapes that have 3 unequal parts.

<u>Greater Depth</u>

7.

	$\frac{1}{3}$ unshaded	not $\frac{1}{3}$ unshaded
equal parts	A, E, F	C
unequal parts		B, D

8. This shape has been divided into 3 equal parts. The unshaded part is worth one third. This is the same as $\frac{1}{3}$.

9. Liam and Alice are both correct. Two of the shapes have $\frac{1}{3}$ unshaded, two shapes have $\frac{1}{3}$ shaded and there is one shape that has 4 unequal parts.