Year 4 Maths

Steppingstone activity

Lesson 13

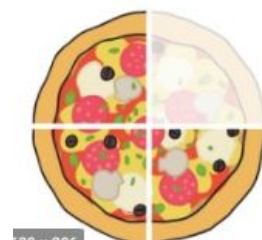**LO: To identify fractions**   **Success Criteria:**

1. Look at the representation
2. How many sections are there altogether? (Denominator)
3. How many sections are shaded? (Numerator)
4. Identify the fraction

Remember: COUNT ALL THE SECTIONS FIRST, THEN THE SHADED ONES

Model

Numerator
How many equal parts do you have?

$\frac{3}{4}$

Denominator
How many equal parts is the whole divided into?

1.   2.   3.   4.

Now you try… What shapes show the fraction?

1a. Circle the representations that show $\frac{1}{3}$.

1b. Circle the representations that show $\frac{1}{4}$.

5a. Circle the unit fractions.

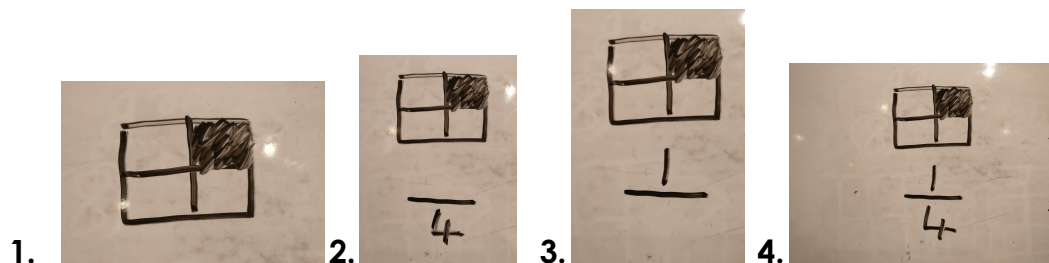**EXTENSION: MOVE ON TO TASK 1**

Year 4 Maths

Lesson 13
LO: To identify fractions
Success Criteria:

1. **Look at the representation**
2. **How many sections are there altogether? (Denominator)**
3. **How many sections are shaded? (Numerator)**
4. **Identify the fraction**

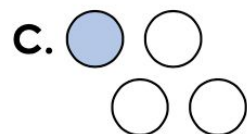**Remember: COUNT ALL THE SECTIONS FIRST, THEN THE SHADED ONES**
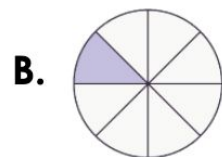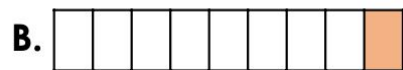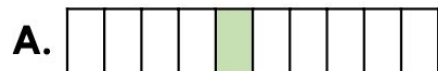
Model:

1.   2.   3.   4.

Numerator
How many equal parts do you have?

$$\frac{3}{4}$$

Denominator
How many equal parts is the whole divided into?

Year 4 Maths Main activity

Complete at least 2 columns, more if you can!

Task 1	Task 2

Practice: What fractions do these shapes represent?

A.

A.

B.

B.

C.

C.

D.

D.
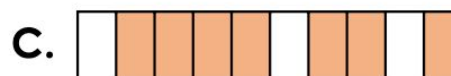
Write a fraction represented below.

Practice: What fractions do these shapes represent?

A.

A.

B.

B.

C.

C.

D.

D.
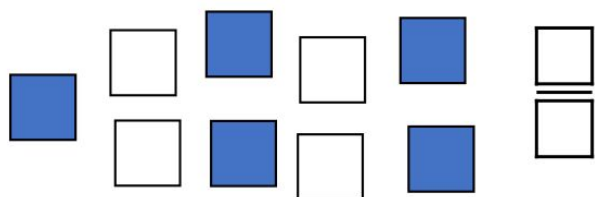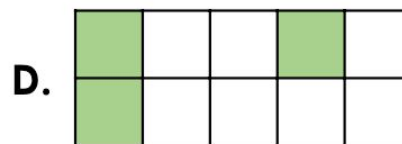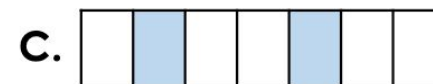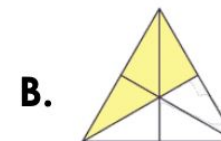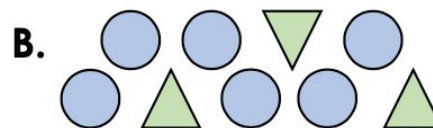
B use the triangles   **D use the triangles**

12a. Write the two fractions that are represented below.

GD
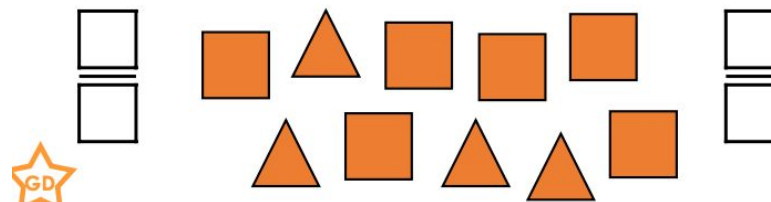
Task 3

Reasoning
Explain your answers.

5a. Tom thinks one of the fractions represented below is $\frac{3}{7}$.

Is he correct? Prove it.
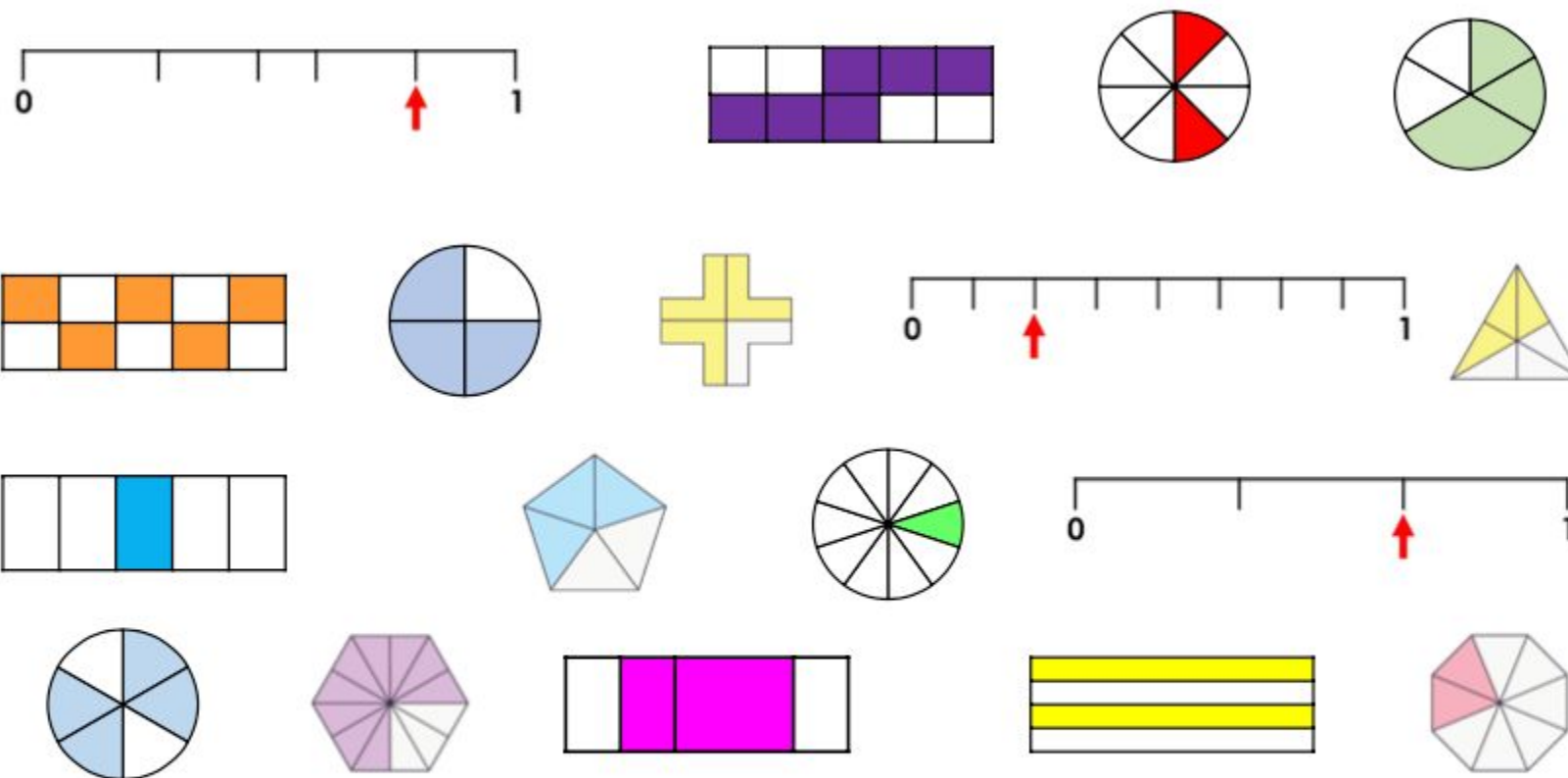
9b. Olivia writes a fraction on the number line.

0          $\frac{3}{12}$ 1

Explain the mistake she has made.

Task 4

Problem solving

Cut out or draw the representations

Investigate if the same representation can be used in different groups.