Year 3
Maths
18.11.2020

Lesson Aims

- LO: I can find fractions of a set of objects.

- SC: I can count the total number of objects.
- I can look at the denominator and share the objects into that number of equal groups.
- I can count up how many in 1 group to find the unit fraction.
- I can look at the numerator and count up how many in that number of groups.

Fluency Starter

- What is estimating?

- You can use estimation to get a rough idea of a calculation

Fluency Starter

- Which calculation gives you an answer of about 20?

- 16 + 12 = 28
- 6 + 2 = 8
- 12 + 6 = 18

- **12 + 6 = 18 is 2 away from 20 so the nearest to 20.**

Fluency Starter

Which calculation gives an answer of about 20?

- 27 - 11 =
- 17 + 1 =
- 17 - 1 =

Fluency Starter

Which calculation gives an answer of about 20?

- 27 - 11 = 16
- 17 + 1 = 18
- 17 - 1 = 16

- 18 is nearest to 20.

Fluency Starter

- But what about estimating to 50?

- 25 + 12 =
- 25 + 2 =
- 25 + 22 =
- 25 + 32 =

Fluency Starter

- But what about estimating to 50?

- 25 + 12 = 37
- 25 + 2 = 27
- 25 + 22 = 47
- 25 + 32 = 57

- 47 is nearest to 50.

Main Teaching - fractions
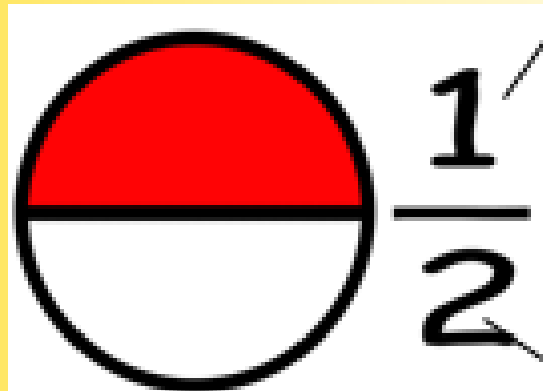
Fluency

• Match the fractions to the shape.
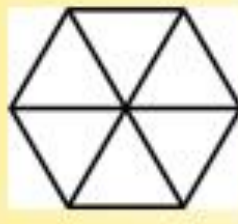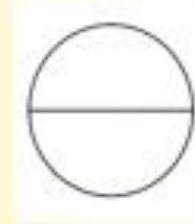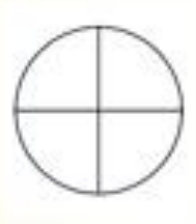
$$\frac{1}{2} \qquad \frac{1}{6} \qquad \frac{1}{4} \qquad \frac{1}{3} \qquad \frac{1}{5}$$
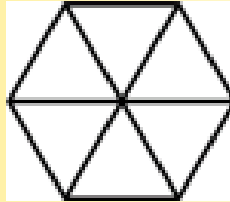
Fluency

- Match the fractions to the shape.
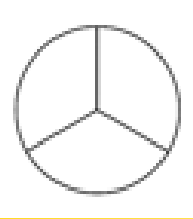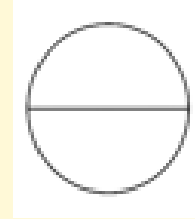

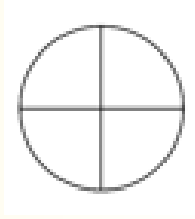$$\frac{1}{3}$$ $$\frac{1}{5}$$ $$\frac{1}{6}$$ $$\frac{1}{2}$$ $$\frac{1}{4}$$

Fluency

Write the fraction of the shape that has been shaded.

a

b

c

d

e

f

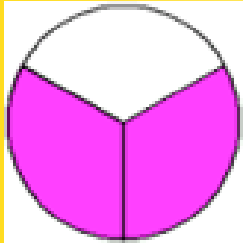These are call unit fractions because only 1 part is shaded.

Fluency answers
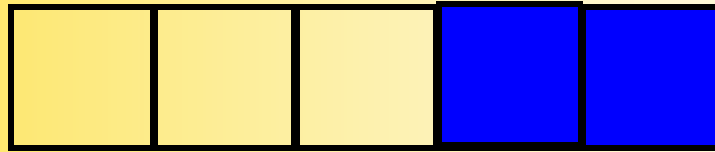
- A) ½
- B) ¼
- C) 1/3
- D) 1/10
- E) 1/5
- F) 1/6

Fluency Activity
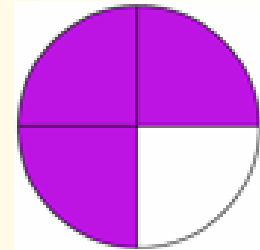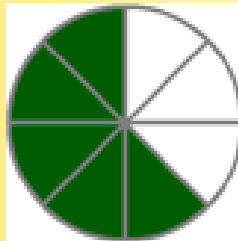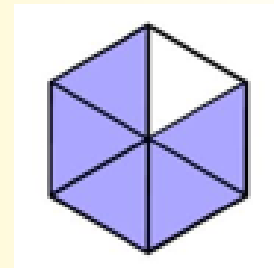
- Write the fraction that has been shaded.

a

b

c

d
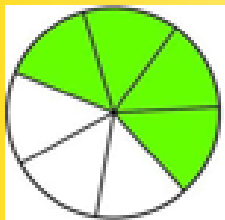
e

f

Fluency Activity Answers

- A) 2/3
- B) 2/5
- C) ¾
- D) 4/7
- E) 5/8
- F) 5/6

- These are non-unit fractions as there has been more than one section shaded.

Activity

- There is a sheet for you to complete.