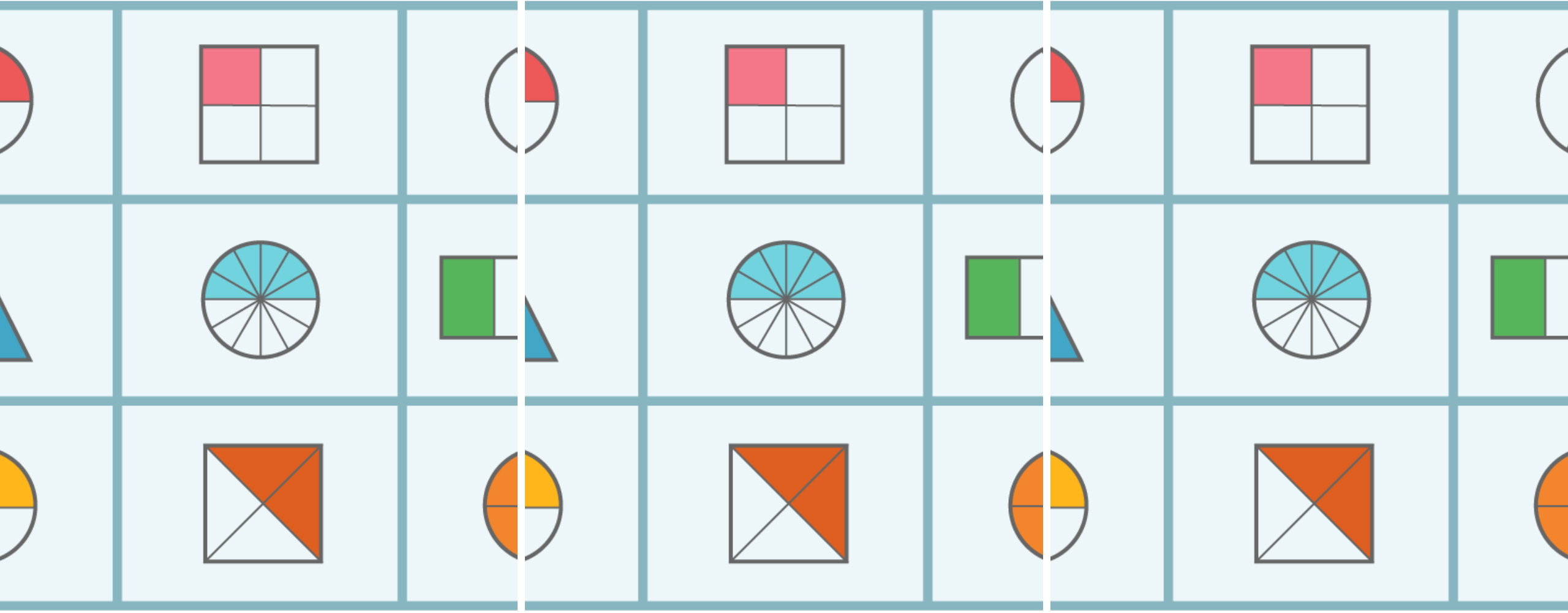


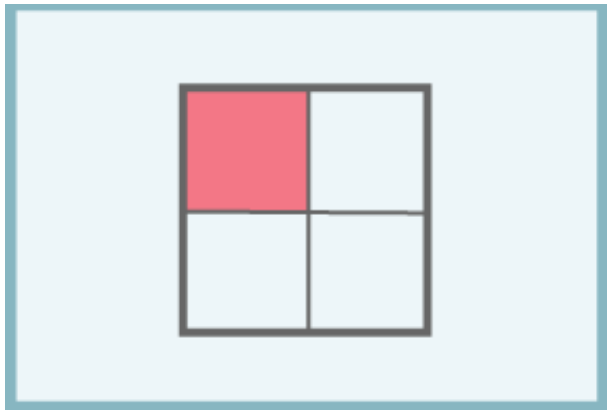
FRACTIONS OF NUMBER AND QUANTITIES

WEDNESDAY 23RD JUNE 2021

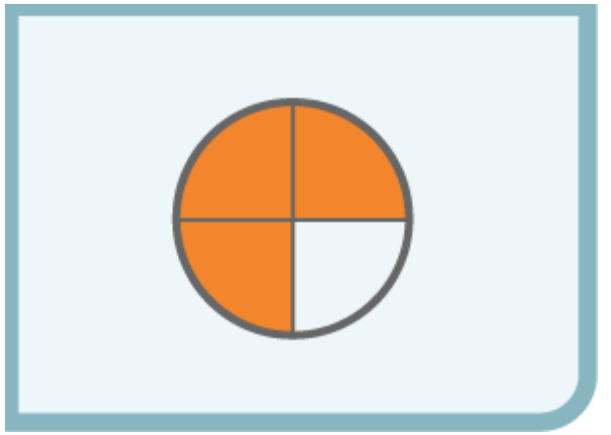
OBJECTIVES

- Understand how $\frac{1}{2}$ and $\frac{2}{4}$ are the same
- Understand how fractions relate to division
- Finding fractions of quantities

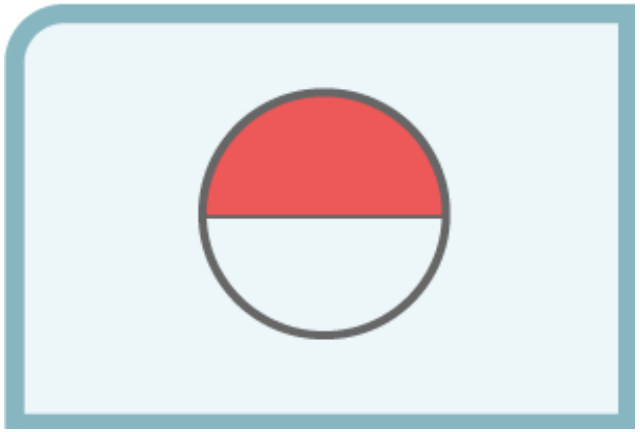
NAME THE FRACTION



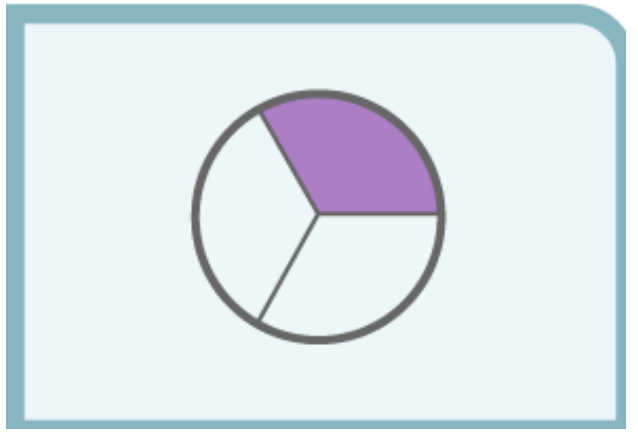
$\frac{1}{4}$



$\frac{3}{4}$



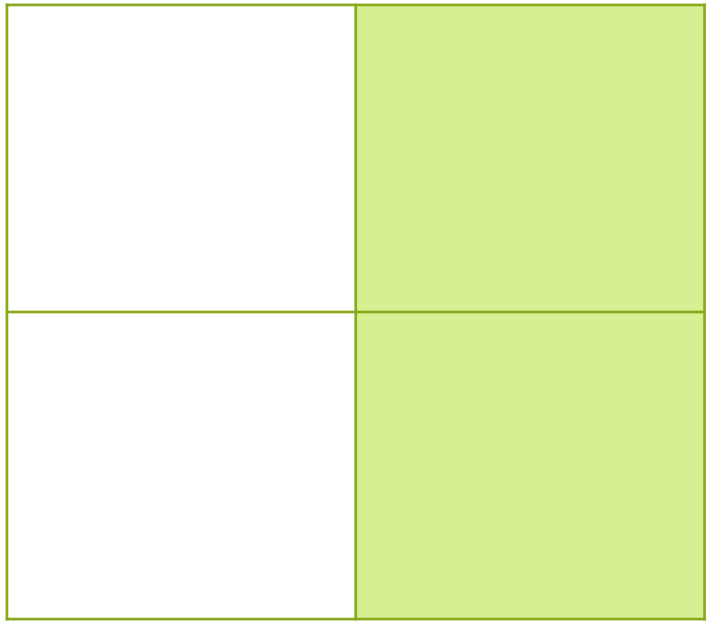
$\frac{1}{2}$



$\frac{1}{3}$

WHAT DO YOU NOTICE?

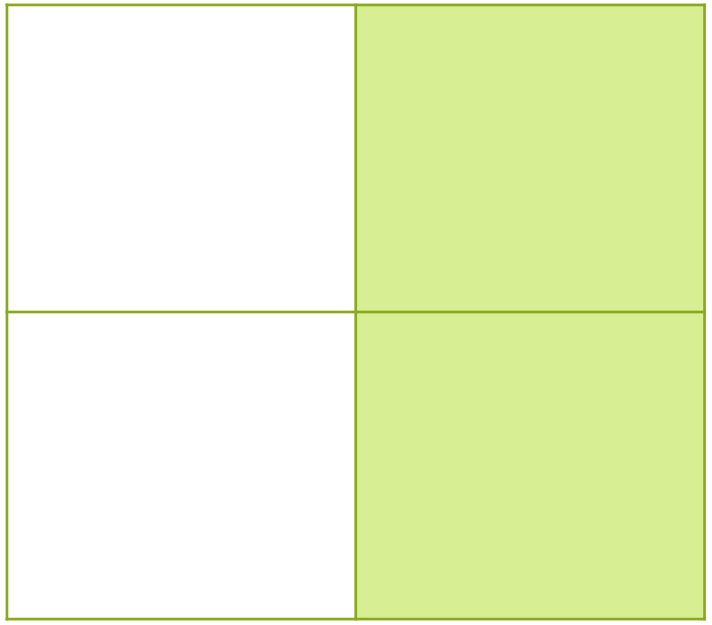
$\frac{1}{2}$?



$\frac{2}{4}$?

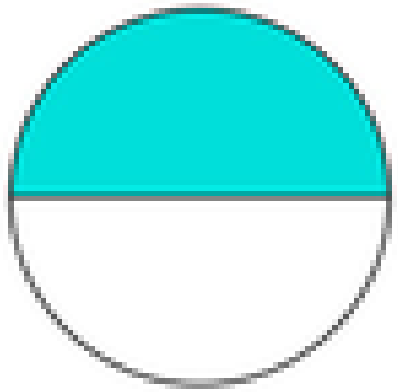
WHAT DO YOU NOTICE?

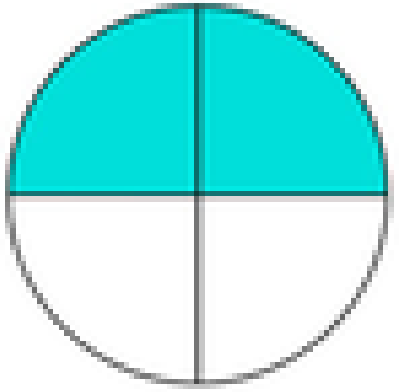
$\frac{1}{2}$ ✓

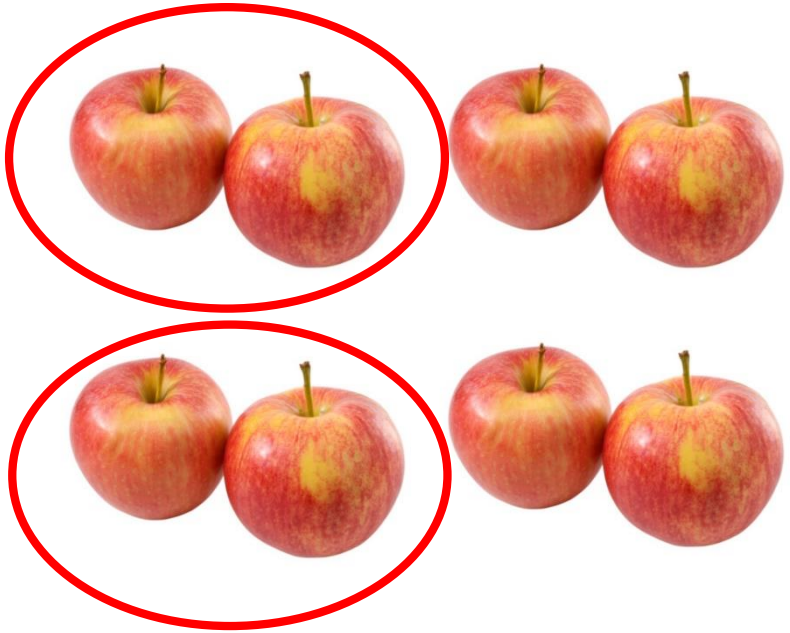


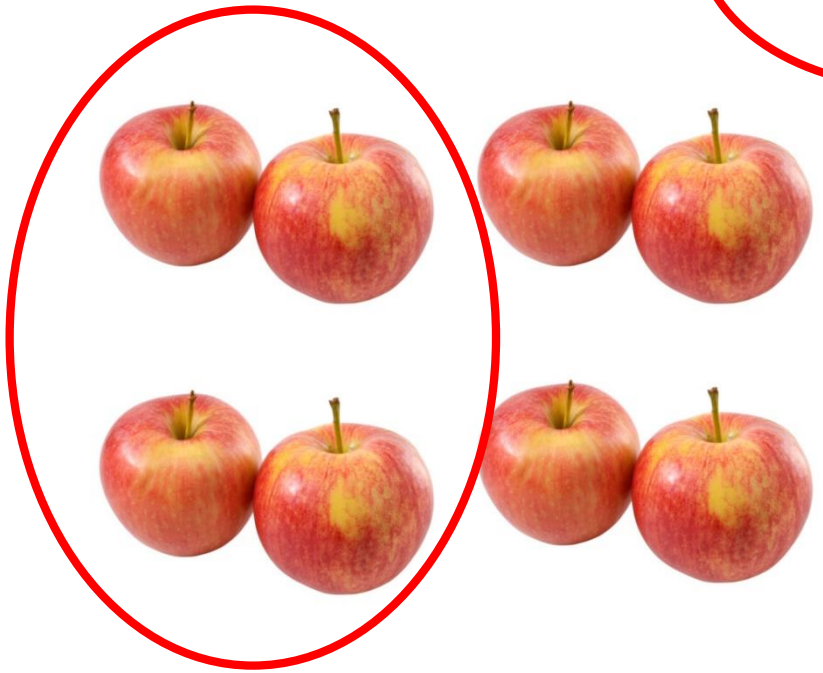
$\frac{2}{4}$ ✓

$$\frac{1}{2} = \frac{2}{4}$$





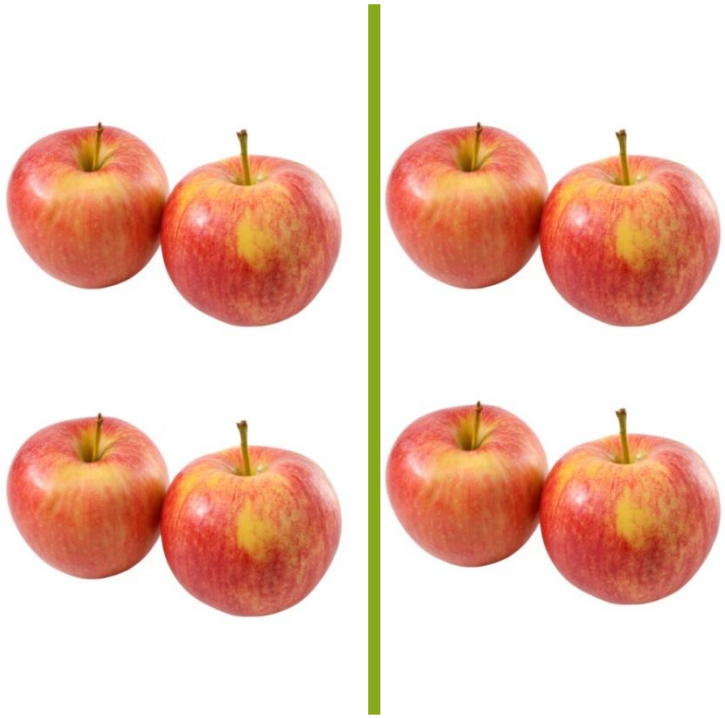




OBJECTIVES

- Understand how $\frac{1}{2}$ and $\frac{2}{4}$ are the same 
- Understand how fractions relate to division
- Finding fractions of quantities

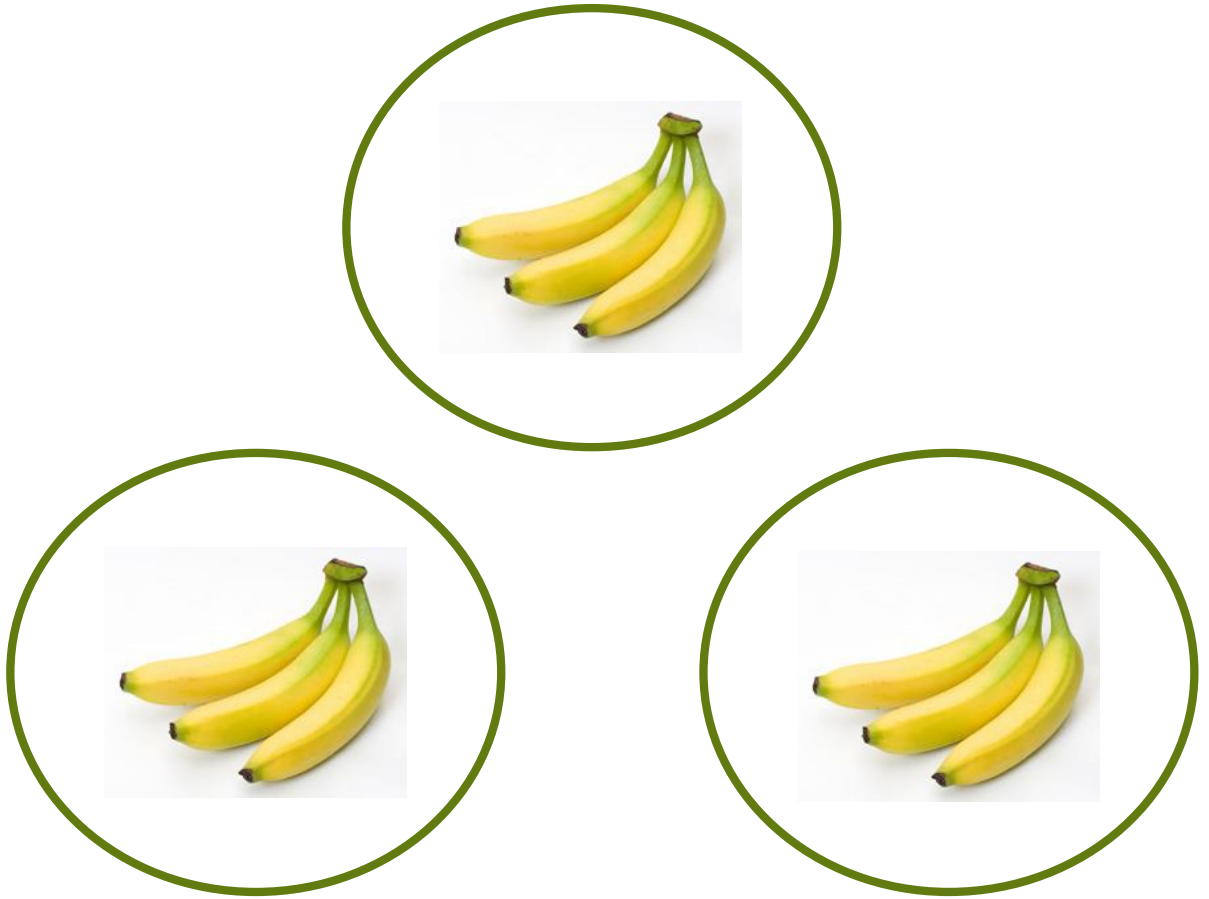
$\frac{1}{2}$ OF 8 = 4



8 ÷ 2 = 4

$\frac{1}{3}$ OF 9 = 3

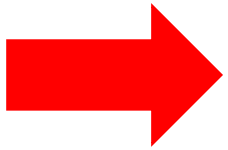
9 ÷ 3 = 3



$$\frac{1}{3}$$

Divide by the **denominator**

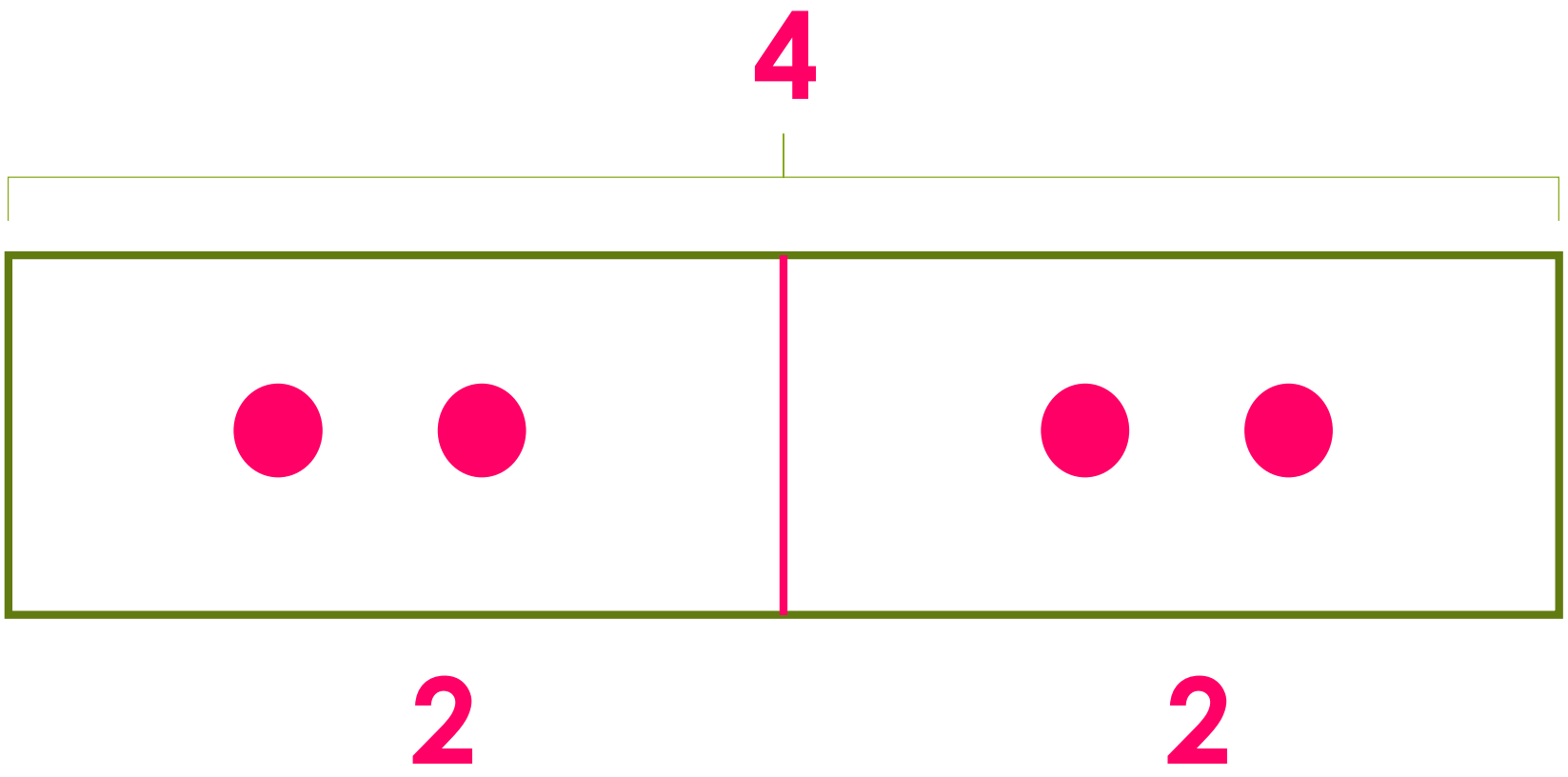
OBJECTIVES

- Understand how $\frac{1}{2}$ and $\frac{2}{4}$ are the same 
- Understand how fractions relate to division 
- Finding fractions of quantities 

Let's look at the bar model method to find fractions of quantities

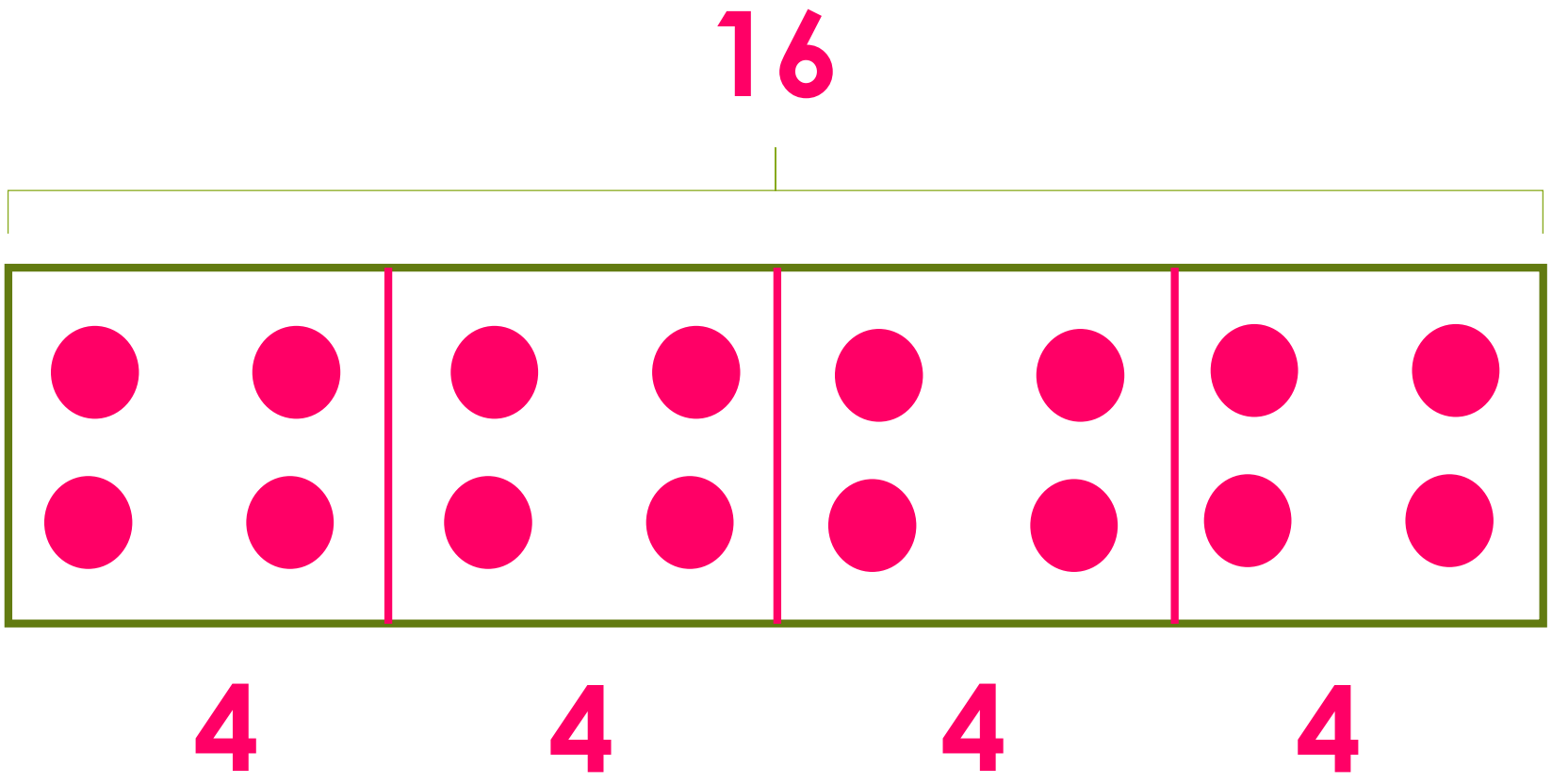
Finding $\frac{1}{2}$ = Dividing by 2

e.g. $\frac{1}{2}$ of 4?



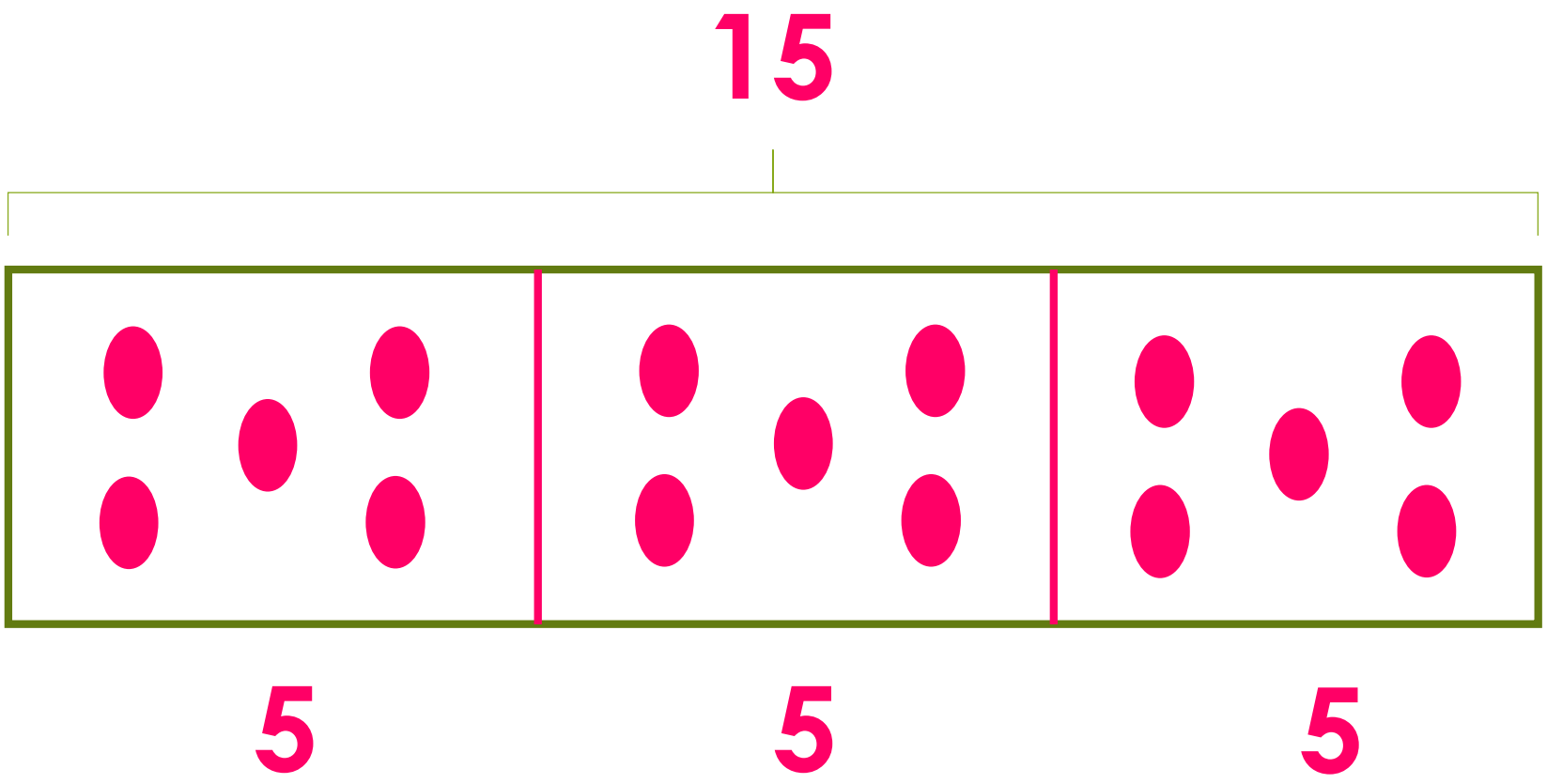
Finding $\frac{1}{4}$ = Dividing by 4

e.g. $\frac{1}{4}$ of 16?

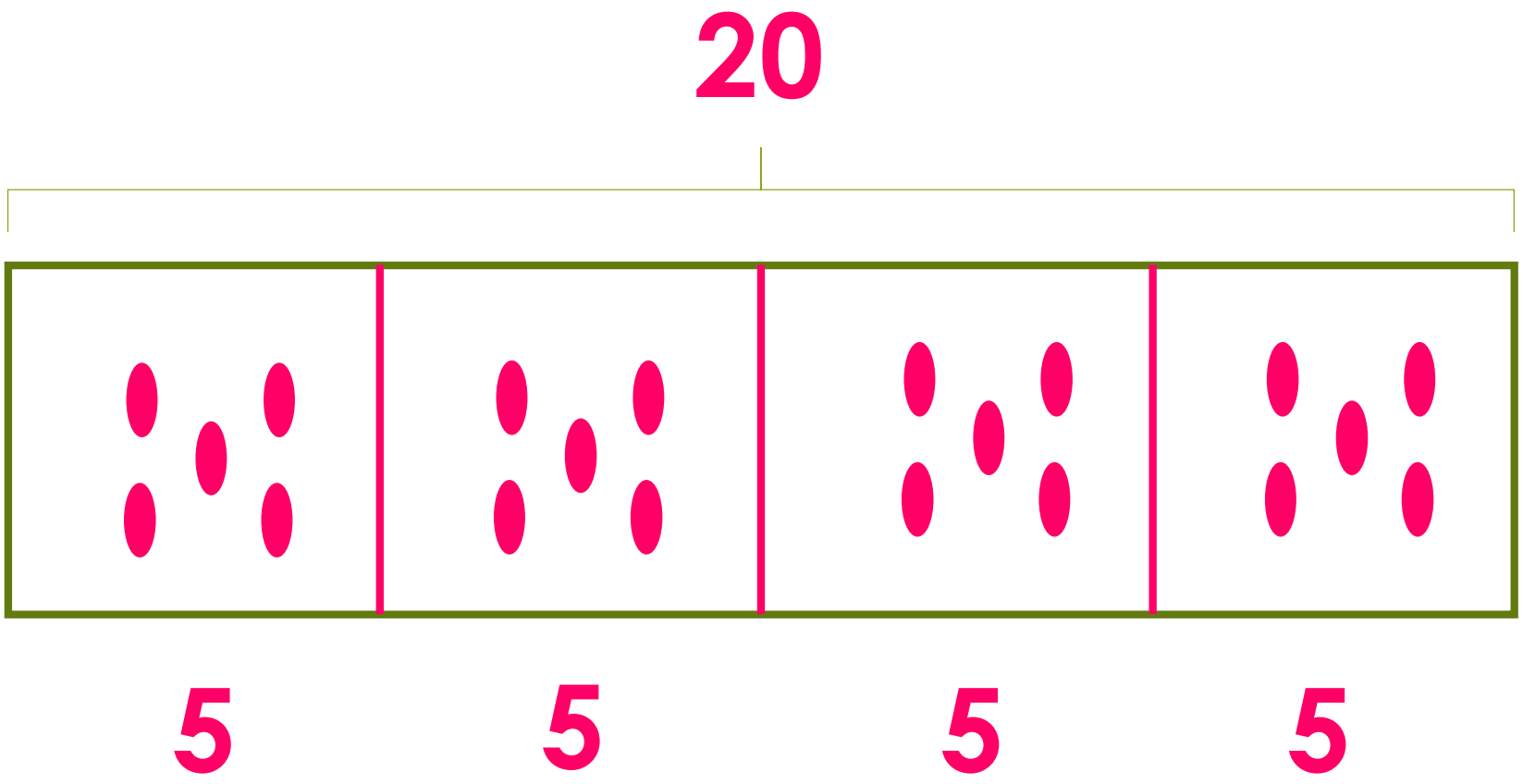


Finding $\frac{1}{3}$ = Dividing by 3

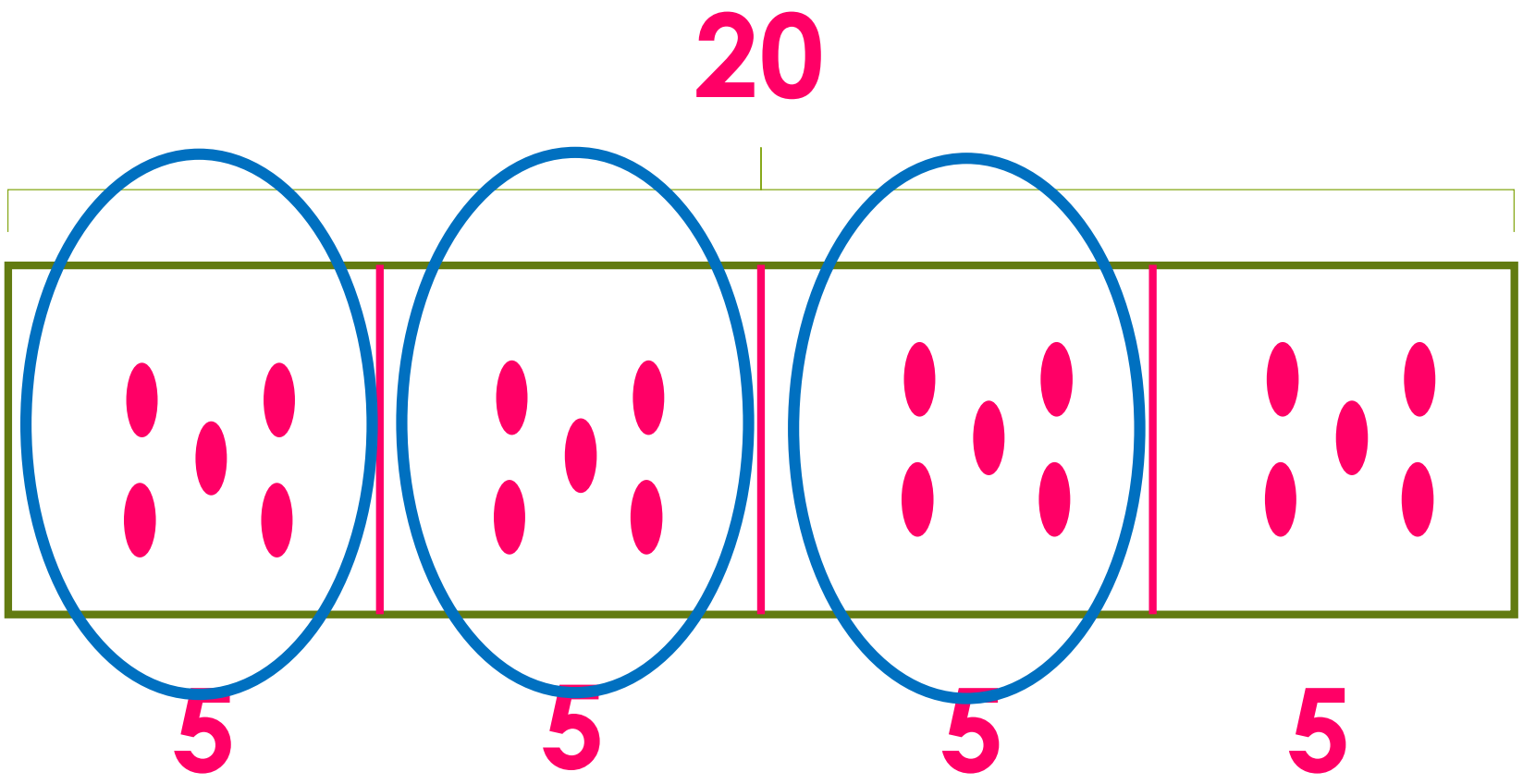
$\frac{1}{3}$ of 15



$\frac{1}{4}$ of 20 = 5



$\frac{3}{4}$ of 20 = 15



OBJECTIVES

- Understand how $\frac{1}{2}$ and $\frac{2}{4}$ are the same ✓
- Understand how fractions relate to division ✓
- Finding fractions of quantities ✓

AFTER ZOOM · Complete **Wednesday Worksheet**

Wednesday 23rd June

Fractions of number – complete after zoom

1. I know that $\frac{1}{2}$ of 10 =
   Therefore I know 10÷2 =

   I know $\frac{1}{4}$ of 16 =
   Therefore I know 16÷4 =

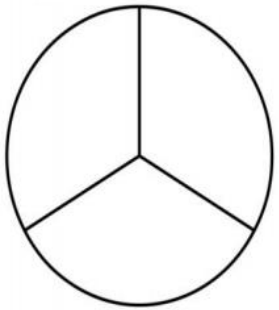
   I know $\frac{1}{2}$ of ____ = 12
   Therefore I know 24÷2 =

   I know $\frac{1}{4}$ of 12 =
   There for I know 12÷ ____ = 3

2. What is $\frac{1}{2}$ of 18?

   Show your working out.

3. What is $\frac{2}{3}$ of 15? Use the diagram to help you work it out.



$\frac{2}{3}$ of 15 =

4. 30 sweets shared between 3 people means each person gets 10 sweets each.
   Show this as a number sentence, using a fraction.

Wednesday 23rd June

Fractions of number – complete after zoom

5. Year 2 are planting sunflower seeds.
   Annie has 4 pots and 12 seeds.
   She plants the same number of seeds in each pot.

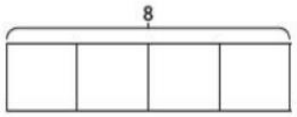
   a) Draw the seeds she puts in each pot.

   b) Complete the number sentences.

   $\frac{1}{4}$ of 12 = ☐ $\frac{3}{4}$ of 12 = ☐

6. The bar model is split into 4 equal parts.

   a) What is the value of each part?
   Label it on the bar model.



   b) Use the bar model to find $\frac{3}{4}$ of 8 ☐

7. Draw a bar model to find $\frac{3}{4}$ of 40

   $\frac{3}{4}$ of 40 = ☐

8. Write <, > or = to compare the statements.

   a) $\frac{1}{4}$ of 4 ◯ $\frac{3}{4}$ of 4

   b) $\frac{1}{2}$ of 20 ◯ $\frac{3}{4}$ of 20

9. Scott has some seeds.
   He puts $\frac{3}{4}$ of the seeds into his hand.

   He puts the rest of the seeds on the table.

   How many seeds does Scott have in his hand?

   Use a bar model to help you. ☐