Year 2 – Spring Block 4 – Fractions

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

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

More **Year 2 Fractions** resources.
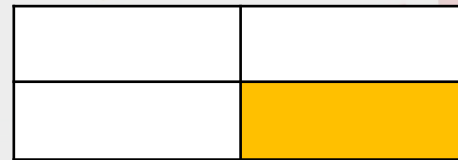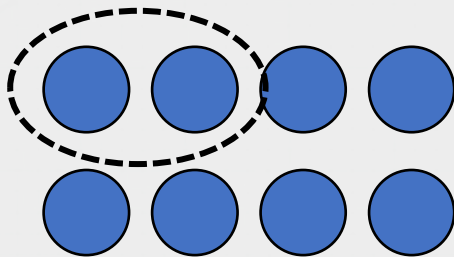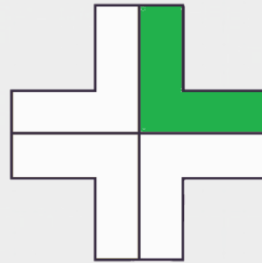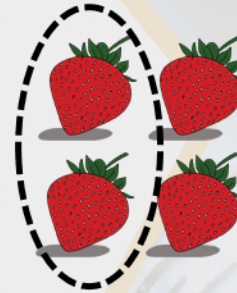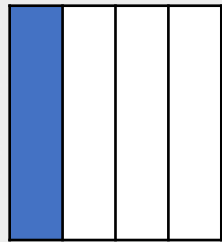
Did you like this resource? Don't forget to review it on our website.
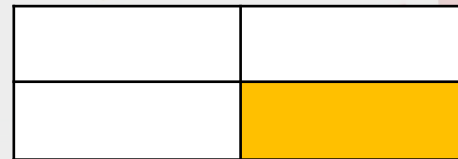
Step 5: Find a Quarter

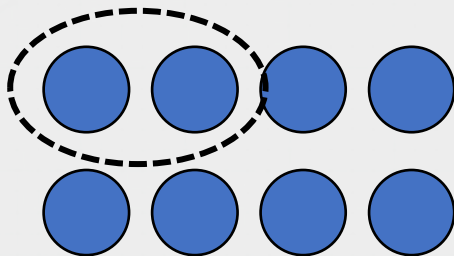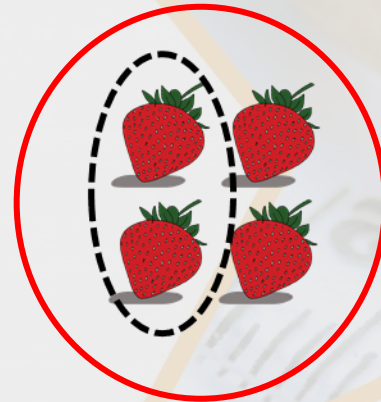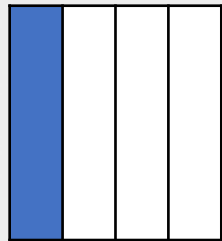# Which image is the odd one out?

Which image is the odd one out?

Complete the bar model.

16

$\dfrac{1}{2}$ of 16 is ☐

$\dfrac{1}{4}$ of 16 is ☐

Complete the bar model.

16
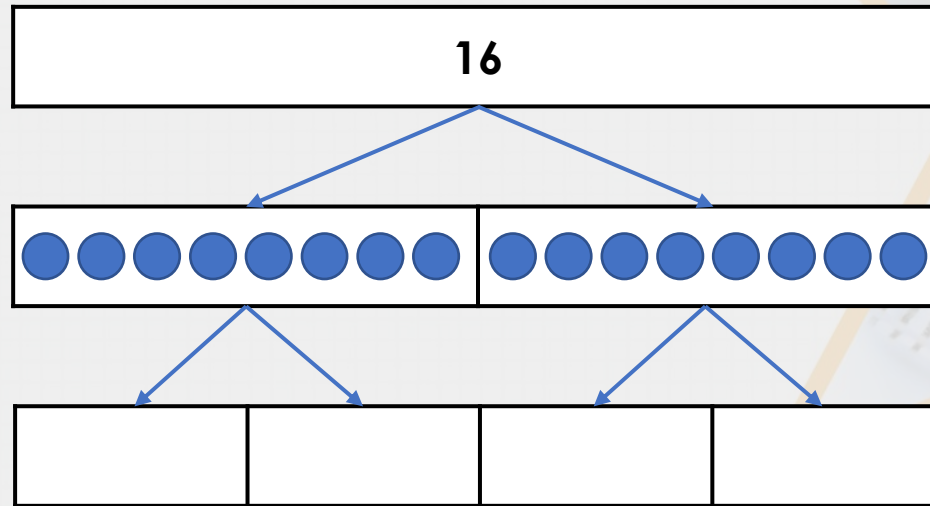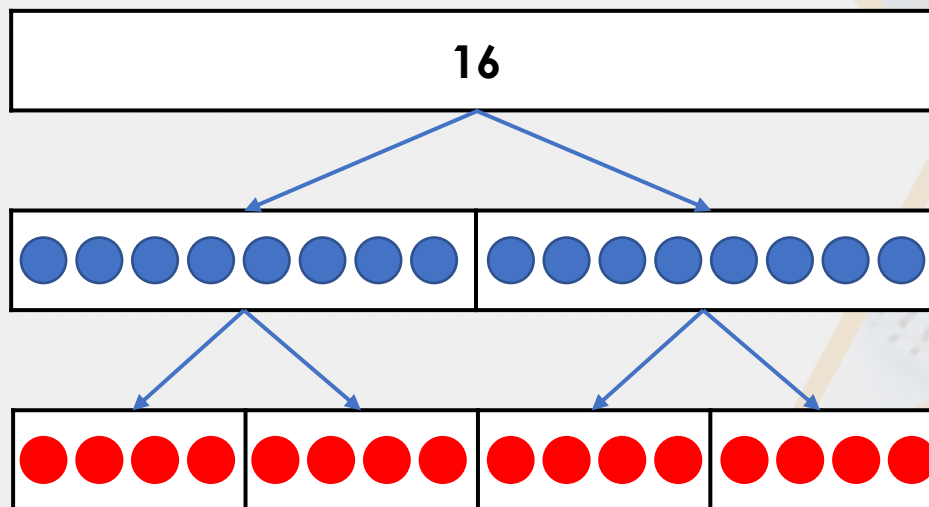
$\frac{1}{2}$ of 16 is **8**

$\frac{1}{4}$ of 16 is **4**

Find one quarter of the peaches below. Circle the correct answer.
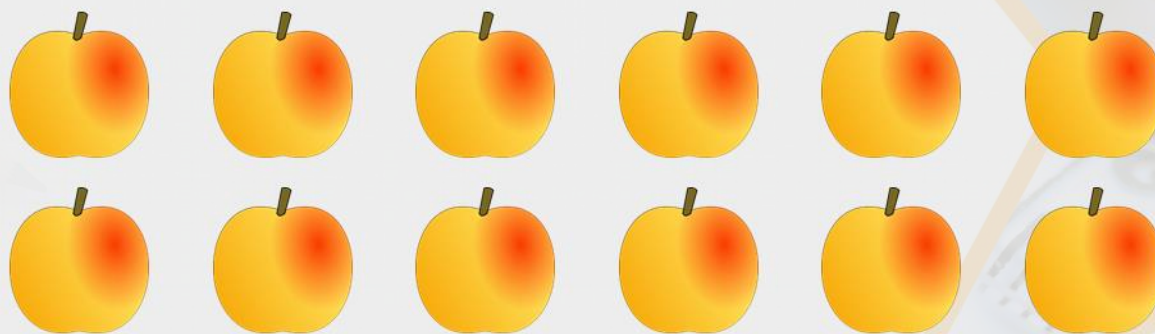
4   1   2   3

Find one quarter of the peaches below. Circle the correct answer.

4   1   2   **3**

Colour a quarter of the shape and complete the sentences.
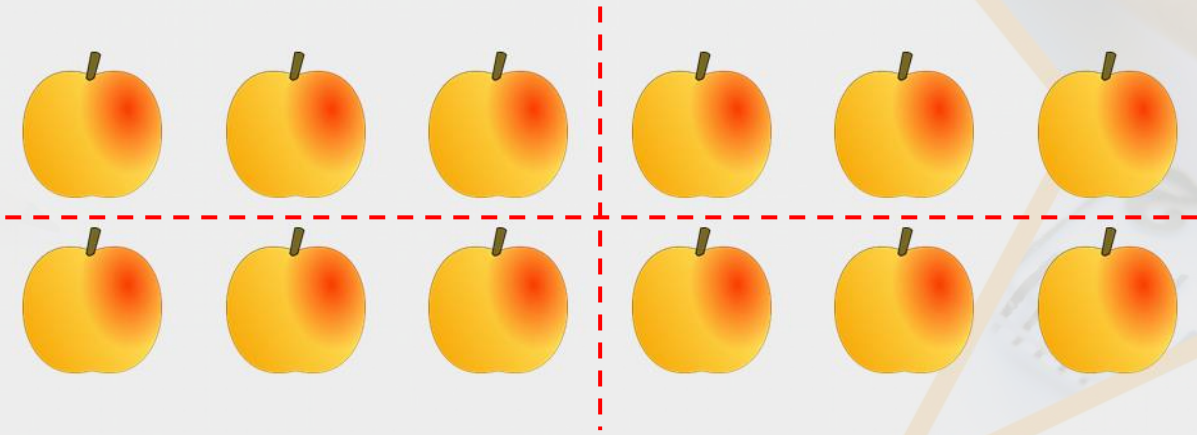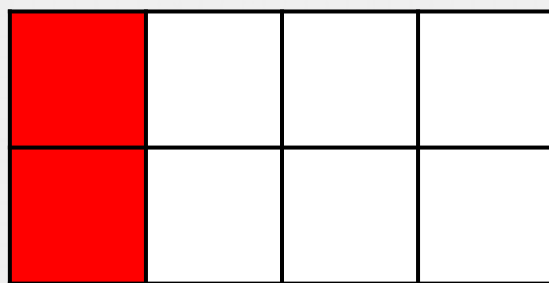
The whole is ☐ **.**

$\frac{1}{4}$ **of** ☐ **is** ☐

Colour a quarter of the shape and complete the sentences.

2 parts need to be shaded. Various answers, for example:

The whole is **8** .

$\frac{1}{4}$ of **8** is **2**

Fill in the blanks.

| $\frac{1}{4}$ of 4 is | → | $4 \div 2 = \boxed{} \div 2$ | → | $\boxed{}$ |

| $\frac{1}{4}$ of 20 is | → | $20 \div 2 = \boxed{} \div 2$ | → | $\boxed{}$ |

| $\frac{1}{4}$ of 40 is | → | $40 \div 2 = \boxed{} \div 2$ | → | $\boxed{}$ |

Fill in the blanks.

$\dfrac{1}{4}$ of 4 is ⟶ 4 ÷ 2 = [**2**] ÷ 2 ⟶ [**1**]

$\dfrac{1}{4}$ of 20 is ⟶ 20 ÷ 2 = [**10**] ÷ 2 ⟶ [**5**]

$\dfrac{1}{4}$ of 40 is ⟶ 40 ÷ 2 = [**20**] ÷ 2 ⟶ [**10**]

Using the images to help, match the fractions to their answers.

$$\frac{1}{4} \text{ of } 24$$

$$\frac{1}{4} \text{ of } 12$$

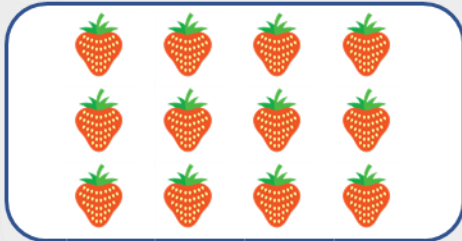$$\frac{1}{4} \text{ of } 16$$

12

6

3

4

Which number is the odd one out?

Using the images to help, match the fractions to their answers.
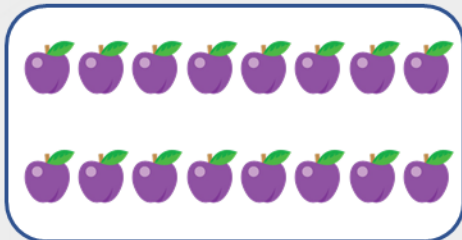

$$\frac{1}{4} \text{ of } 24$$

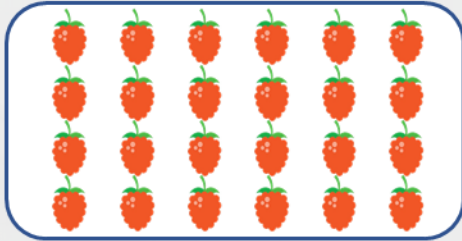$$\frac{1}{4} \text{ of } 12$$

$$\frac{1}{4} \text{ of } 16$$

12
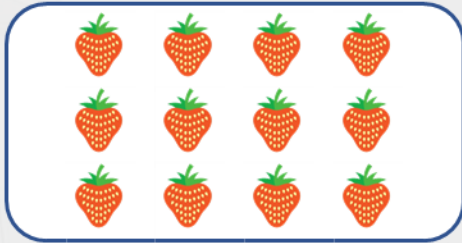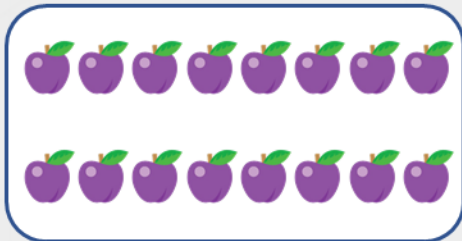
6

3

4
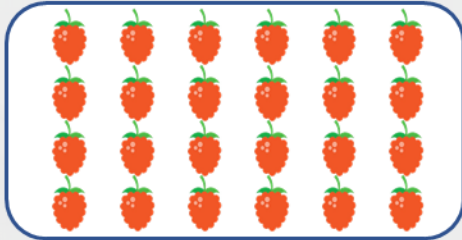
Which number is the odd one out?
12 is the odd one out.

Is Lola correct? Explain your answer.

One quarter of £28 is £6 because half of 28 is 14 and half of 14 is 6.

Is Lola correct? Explain your answer.

One quarter of £28 is £6 because half of 28 is 14 and half of 14 is 6.

Lola is incorrect because…

Is Lola correct? Explain your answer.

One quarter of £28 is £6 because half of 28 is 14 and half of 14 is 6.

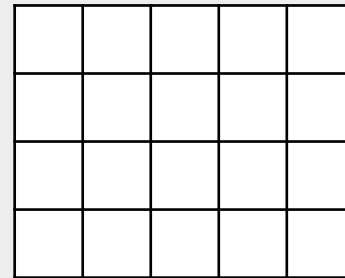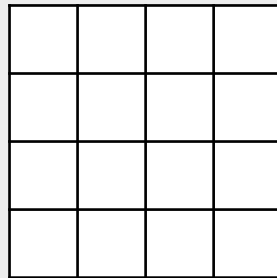**Lola is incorrect because half of 28 is 14 but half of 14 is 7.**

Peter is thinking of a number. What could the number be?

$\dfrac{1}{4}$ of my number is more than 3 but less than 7.

Shade $\dfrac{1}{4}$ of these images to help you.

Peter is thinking of a number. What could the number be?

$\dfrac{1}{4}$ of my number is more than 3 but less than 7.

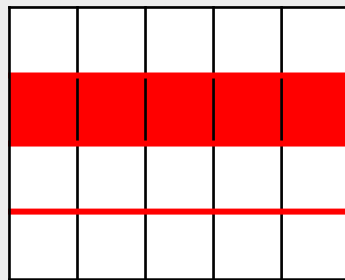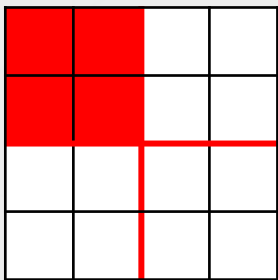**Shade $\dfrac{1}{4}$ of these images to help you.**

The next shape in this pattern would have 24 squares and 6 squares would be shaded.

The number could be 16, 20 or 24