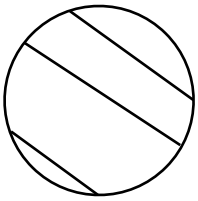
YEAR 2

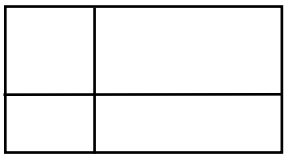
MATHS

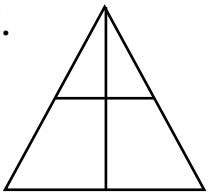
Home Learning Pack

Recognise a Quarter

1. Tick the shape that is split into four equal parts.

A. 

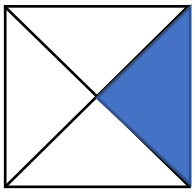
B. 

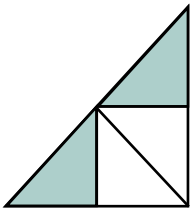
C. 

D. 

VF

2. Which shape has $\frac{1}{4}$ shaded?

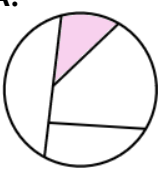
A. 

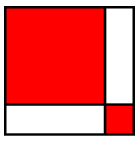
B. 

VF

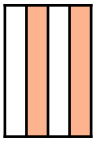
3. Sort the shapes into the correct groups.

$\frac{1}{4}$ | Not $\frac{1}{4}$

A. 

B. 

C. 

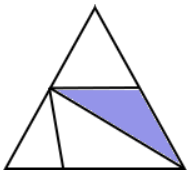
D. 

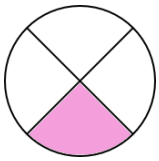
VF

4. Erica says,

Three of the representations show one quarter.

A. $\frac{2}{2}$

B. 

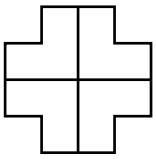
C. 

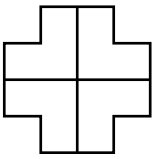
D. $\frac{1}{4}$

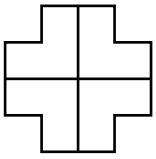
Do you agree? Explain your answer.

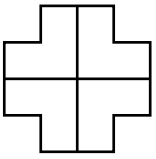
R

5. Shade part of each shape below to represent $\frac{1}{4}$.

A. 

B. 

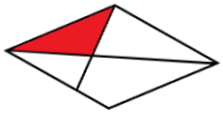
C. 

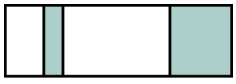
D. 

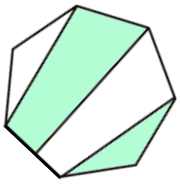
Find four different possibilities.

PS

6. Which is the odd one out?

A. 

B. 

C. 

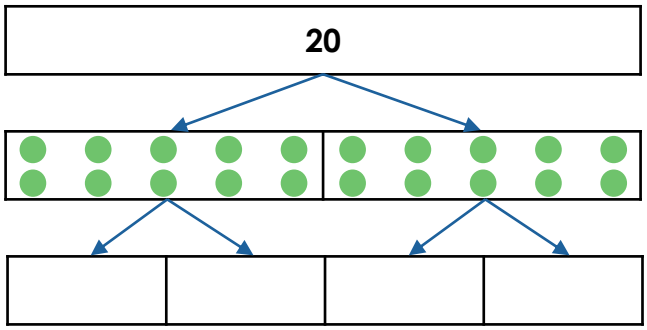
D. 

Explain why.

R

Find a Quarter

1. Complete the bar model.

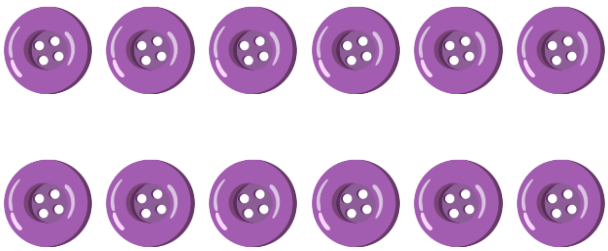


$\frac{1}{2}$ of 20 is ☐

$\frac{1}{4}$ of 20 is ☐

VF

2. Find one quarter of the buttons below. Circle the correct answer.



4 5 2 3

VF

3. Fill in the blanks.

A.

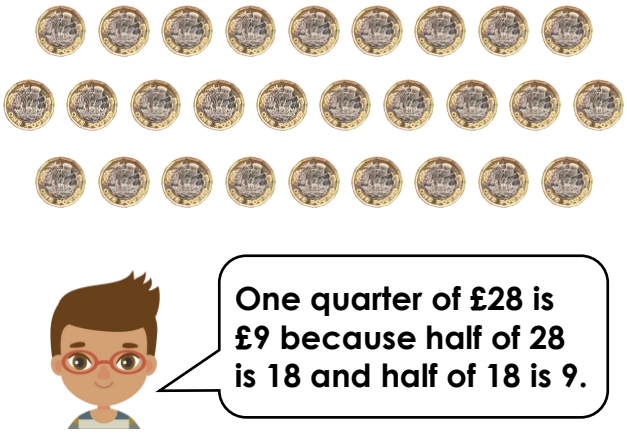
$\frac{1}{4}$ of 16 → 16 ÷ 2 = ___ ÷ 2 → ___

B.

$\frac{1}{4}$ of 24 → 24 ÷ 2 = ___ ÷ 2 → ___

VF

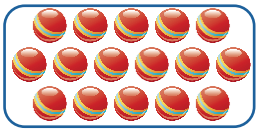
4. Scott is finding one quarter of £28.

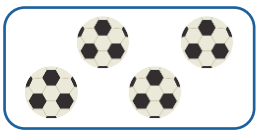


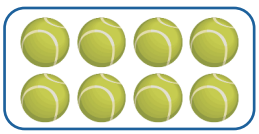
Is he correct? Explain why.

R

5. Match the fractions to their answer. Use the remaining answer to complete the statement.

A.  $\frac{1}{4}$ of 16

B.  $\frac{1}{4}$ of 4

C.  $\frac{1}{4}$ of 8

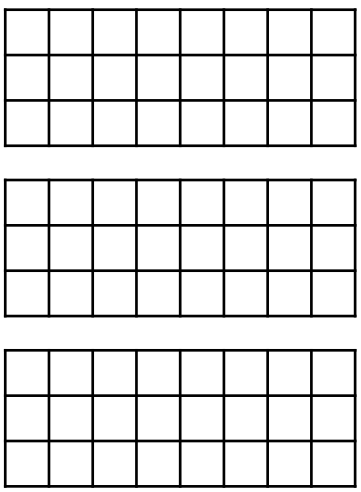
D. $\frac{1}{4}$ of ☐ is ☐

1 2 3 4

PS

6. Eva is shading $\frac{1}{4}$ of these 24 squares.

Find 3 different ways she could show this.



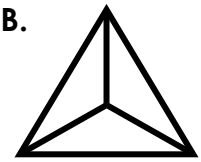
PS

Recognise a Third

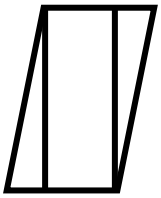
1. Circle the shapes that have been split into thirds.

A.

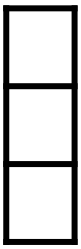
B.



C.



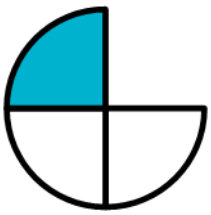
D.



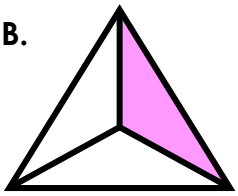
VF

2. Tick the shapes that have one third shaded.

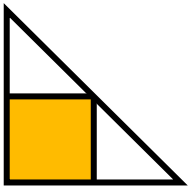
A.



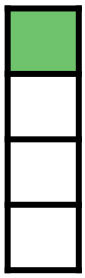
B.



C.



D.

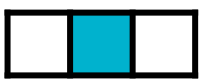


VF

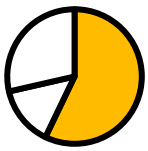
3. Match the shaded part of each image to the correct label

A.

B.



C.



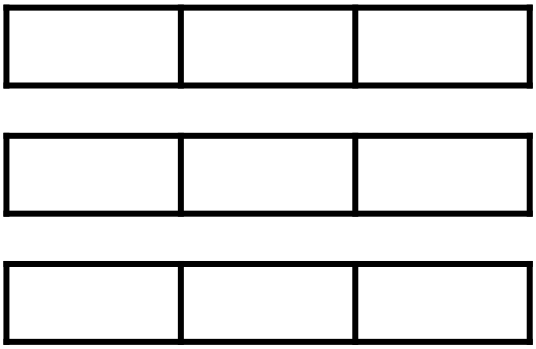
$\frac{1}{3}$

not $\frac{1}{3}$

VF

4. Shade part of each shape to represent one third.

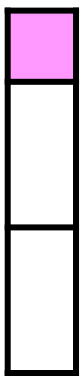
Find three different ways.



PS

5. One third of each shape needs to be shaded. Find the mistake in each image.

A.



B.

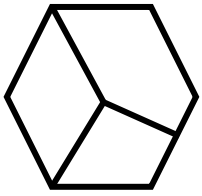
Explain your answer.

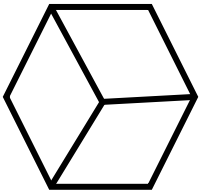
R

6. Oliver and Tilly have split their shapes into thirds.

Oliver

Tilly



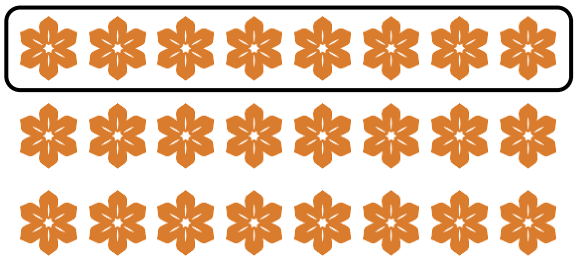


Who is correct? Explain why.

R

Find a Third

1. Use the image to complete the statement.

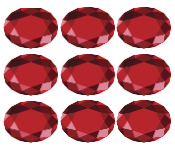


$\frac{1}{3}$ of 24 is ☐

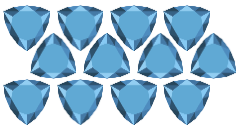
VF

2. Use the pictures to complete the statements.

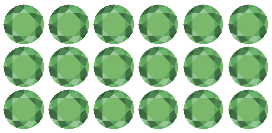
A. $\frac{1}{3}$ of 9 is ☐



B. $\frac{1}{3}$ of ☐ is 4

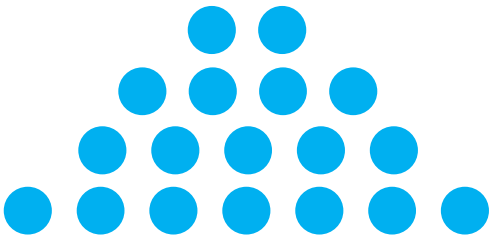


C. $\frac{1}{3}$ of 18 is ☐



VF

3. Use counters to complete the bar model to show one third of 18.



18		

VF

4. Use the digit cards below to make the statements correct.

6	27	15	9	2

$\frac{1}{3}$ of ☐ = ☐

$\frac{1}{3}$ of ☐ = ☐

PS

5. Terry has used $\frac{1}{3}$ of his stickers. There are 14 left in the pack. How many has he already used?

PS

6. Parveen makes 15 doughnuts. She wants to share them equally between 3 friends. She says,

Parveen

"Each friend will get 5 doughnuts because 5 is one third of 15."

Is Parveen correct? Explain your answer.

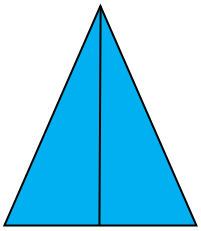
R

Unit Fractions

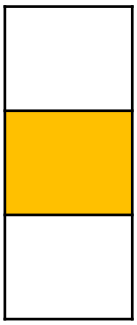
1. Circle the unit fraction.

A.

B.



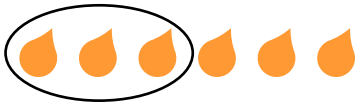
C.



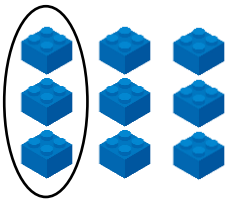
VF

2. Match the image to the unit fraction.

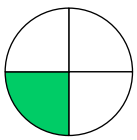
A.



B.



C.



$\frac{1}{4}$

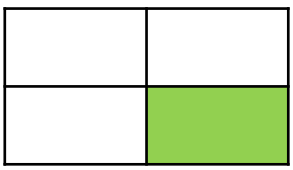
$\frac{1}{2}$

$\frac{1}{3}$

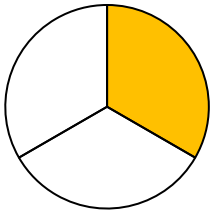
VF

3. Write the fractions shown.

A.



B.



VF

4. Hamza is finding one quarter of the objects below.

$\frac{1}{4}$ of the balls is 4 balls.

Is Hamza correct? Prove it.

R

5. Here is $\frac{1}{2}$ of a total.

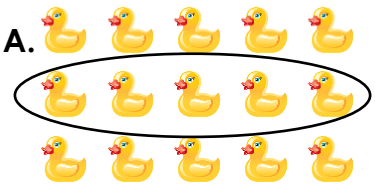
What is the total number of marbles?

How many marbles are there in $\frac{1}{4}$ of the total?

PS

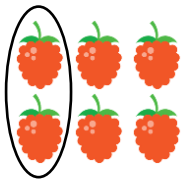
6. Which does not show $\frac{1}{3}$?

A.



B.

C.



D.

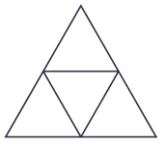
Explain how you know.

R

Non-Unit Fractions

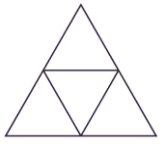
1. Shade the parts to represent each fraction.

A. $\frac{3}{4}$



B. $\frac{2}{4}$

C. $\frac{1}{4}$

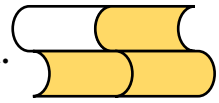


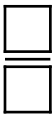
D. $\frac{4}{4}$

VF

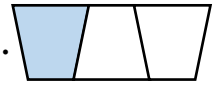
2. Label the fractions shown below.

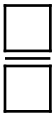
A.



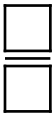


B.





C.

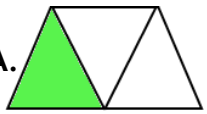


VF

3. Sort the fractions into the table.

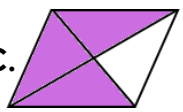
Non-unit fractions	Unit fractions

A.

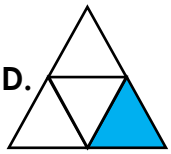


B. $\frac{3}{3}$

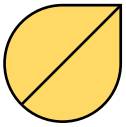
C.



D.



E.



VF

4. Use the clues to identify which fraction is the odd one out.

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

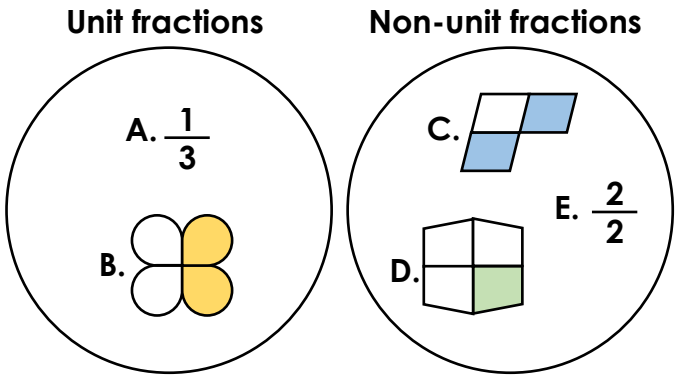
A. A unit fraction.

B. The numerator and denominator are even.

C. Three parts would be shaded.

PS

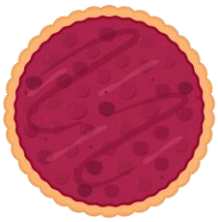
5. Adam has sorted fractions into the hoops.



Explain any mistakes he has made.

R

6. Henrick cut his pie into quarters.



He says,

I ate 1 slice, so there are $\frac{3}{3}$ left of the pie.

Is he correct? Explain your answer.

R