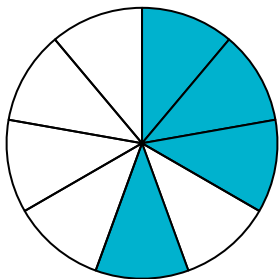


# What is a Fraction?

1. Circle the fraction shaded below.



$$\frac{4}{5}$$

$$\frac{4}{9}$$

$$\frac{9}{4}$$

4. James thinks that each of the fractions can be matched to a representation below.

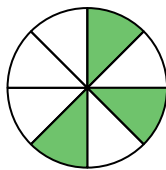
$$\frac{3}{7}$$

two out of six

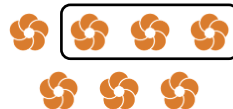
Five eighths

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

A.



B.



C.

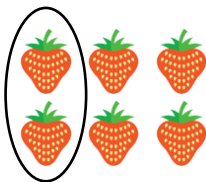


Is he correct?

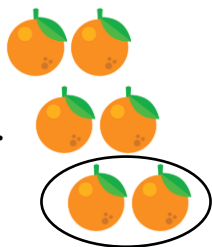
Explain how you know.

2. Find the odd one out in the fractions below.

A.



B.



C.



5. Use the digit cards below to create fractions to match the sequence. Each digit card can only be used once.

Unit fraction less than one whole

$$\frac{\boxed{\phantom{0}}}{4}$$

Non-unit fraction less than one whole

$\frac{\boxed{\phantom{0}}}{4}$  out of 4 equal parts

Non-unit fraction equal to one whole

$$\frac{4}{\boxed{\phantom{0}}}$$

1 2 3 4 5

How many ways can you complete the sequence?

3. Sort the fractions into the table below.

Unit fractions	Non-unit fractions

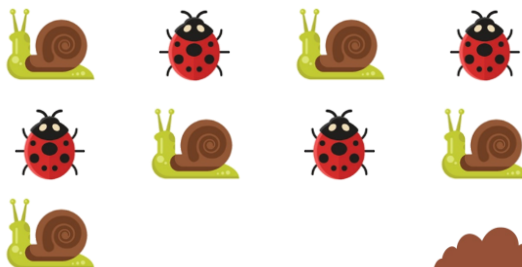
one eighth



$$\frac{1}{9}$$

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

6. Josef went on a bug hunt.



I can use quarters to describe the number of ladybirds I have found.





Explain the mistake Josef has made.

# What is a Fraction?

1.  $\frac{4}{9}$

2. C (C shows  $\frac{2}{5}$  but A and B both show  $\frac{2}{6}$ )

3.

Unit fractions	Non-unit fractions
<div>one eighth</div> <div><math>\frac{1}{9}</math></div>	 <div><math>\frac{3}{4}</math></div> 

4.  $\frac{3}{7}$  can be matched to B. Two out of six can be matched to C. Five eighths can be matched to A.  $\frac{1}{3}$  can also be matched to C as 2 out of 6 parts shaded is the same as one third.

5. The sequence can be completed 2 different ways.

$\frac{1}{4}$	2 out of 4 equal parts	$\frac{4}{4}$	$\frac{1}{4}$	3 out of 4 equal parts	$\frac{4}{4}$
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6. Josef has seen that he has 4 ladybirds and assumed that this represents quarters. The ladybirds actually represent four ninths as there are 9 bugs in total; 4 ladybirds and 5 snails.