

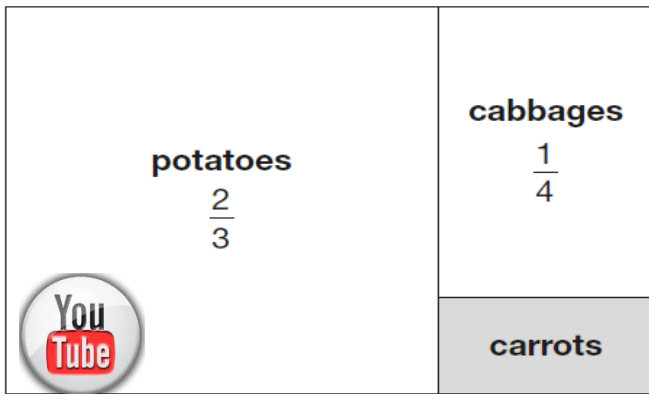
FRACTION + DECIMAL + % EQUIVALENCE

Help Code : 011

18

This is a diagram of a vegetable garden. It shows the fractions of the garden planted with potatoes and cabbages

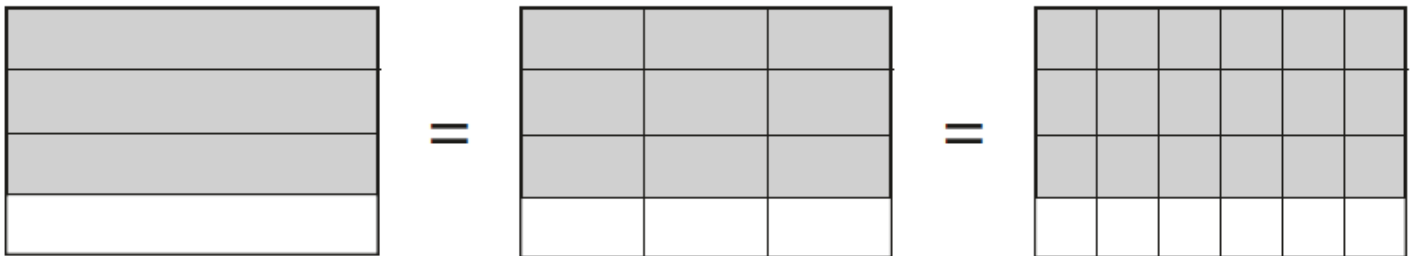
The remaining area is planted with carrots.



What **fraction** of the garden is planted with carrots?

Show your method

4 These diagrams show three equivalent fractions.



Write the missing values.

$$\frac{3}{4} = \frac{9}{\square} = \frac{\square}{24}$$



13

Circle the improper fraction that is equivalent to $6\frac{7}{8}$



$\frac{67}{8}$

$\frac{48}{8}$

$\frac{62}{8}$

$\frac{55}{8}$

$\frac{76}{8}$

14

Write these fractions in order, starting with the **smallest**.

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

smallest

7

Tick **two**.

0.25

Tick the **two** numbers equivalent to one quarter.

0.75

 $\frac{25}{100}$

0.5

 $\frac{2}{5}$

18

A cat sleeps for **12 hours** each day.

50% of its life is spent asleep.



Write the missing percentage.

A koala sleeps for **18 hours** each day.

 %

of its life is spent asleep.

20

Adam says,

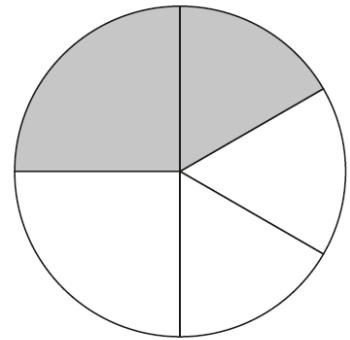
0.25 is **smaller** than $\frac{2}{5}$

Explain why he is correct.



23

In this circle, $\frac{1}{4}$ and $\frac{1}{6}$ are shaded.



What fraction of the whole circle is **not** shaded?



Show your method

17

In each box, circle the number that is **greater**. $1\frac{1}{2}$

1.2

 $1\frac{5}{100}$

1.4

You
Tube $1\frac{1}{4}$

1.3

 $1\frac{3}{5}$

1.5

13

Here are four fraction cards.

You
Tube $\frac{3}{4}$ $\frac{5}{8}$ $\frac{6}{12}$ $\frac{7}{16}$ Use any **three** of the cards to make this correct.LAST YEARS
questions

<

<

7

Write the two missing values to make these equivalent fractions correct.

$$\frac{\square}{3} = \frac{8}{12} = \frac{4}{\square}$$

You
Tube

BOOSTER



2013A KS2 Q22

Write these in order of size, starting with the smallest.

$\frac{2}{3}$

0.5

$\frac{3}{5}$

0.65



smallest



2012A KS2 Q23

Write these in order of size, starting with the smallest.

$\frac{3}{4}$

0.34

0.7

43%



smallest



2010A KS2 Q20

Circle the fraction that is greater than $\frac{1}{2}$ but less than $\frac{3}{4}$



$\frac{7}{8}$

$\frac{2}{5}$

$\frac{1}{3}$

$\frac{5}{8}$

$\frac{3}{6}$



Two of the fractions below are **equivalent**.

2009A KS2 Q22

Circle them.



$\frac{2}{3}$

$\frac{6}{10}$

$\frac{9}{12}$

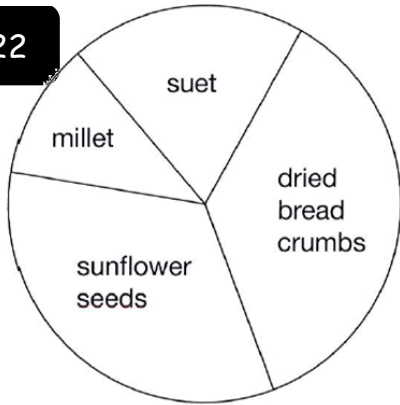
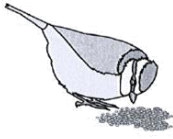
$\frac{10}{15}$

$\frac{16}{20}$



This pie chart shows the ingredients to make a food mixture for wild birds.

2012A KS2 Q22



Estimate the **percentage** of mixture that is suet.

%

Mina uses 100 grams of millet in the mixture.

Estimate how many grams of sunflower seeds she should use.

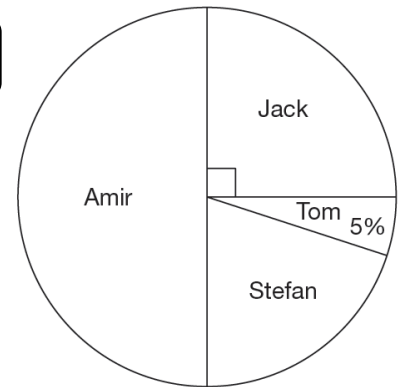
g



40 children predicted who would win the boys' race at sports day.

This pie chart shows their predictions.

2009A KS2 Q21



What percentage of the children predicted that Stefan would win?

%

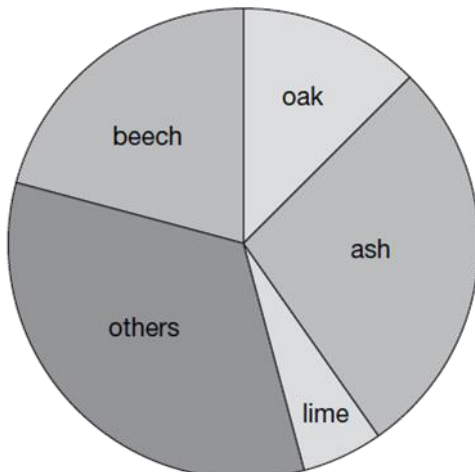
10 children predicted the winner of the race **correctly**.

Who won the race?

Explain how you know.



Class 6 did a survey of the number of trees in a country park.



Estimate the **fraction** of trees in the survey that are oak trees.

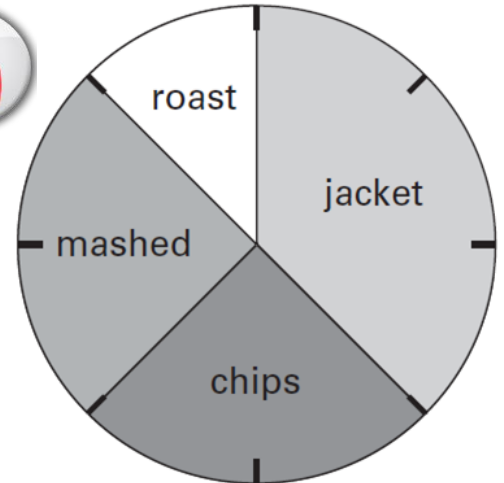
2006A KS2 Q20

The children counted 60 **ash** trees.

Use the pie chart to estimate the **number** of **beech** trees they counted.



This pie chart shows how the children in Class 6 best like their potatoes cooked.



32 children took part in the survey.

Look at the four statements below.

For each statement put a tick (✓) if it is **correct**. Put a cross (✗) if it is **not correct**.

2005A KS2 Q18

10 children like chips best.

25% of the children like mashed potatoes best.

$\frac{1}{5}$ of the children like roast potatoes best.

12 children like jacket potatoes best.



Match each decimal number to its equivalent fraction.

One has been done for you.

2006A KS2 Q11



0.25

$\frac{3}{4}$

0.4

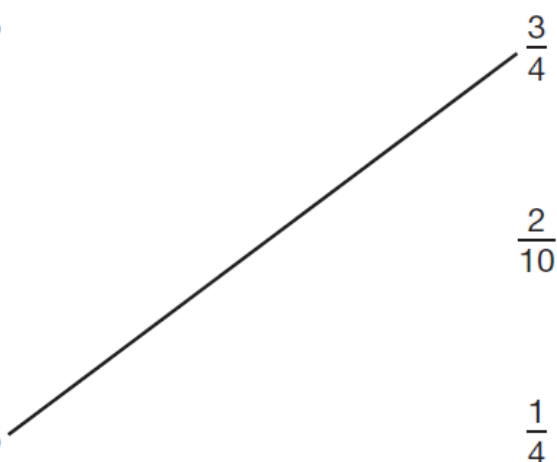
$\frac{2}{10}$

0.75

$\frac{1}{4}$

0.2

$\frac{2}{5}$



2005A KS2 Q22

Write these fractions in order of size starting with the smallest.

$\frac{3}{4}$

$\frac{3}{5}$

$\frac{9}{10}$

$\frac{17}{20}$



smallest



The pie charts show the results of a school's netball and football matches.



Netball



Football

The netball team played 30 games.

The football team played 24 games.

Estimate the percentage of games that the netball team lost.

David says,

 %

'The two teams won the same number of games.'

Is he correct?
Circle Yes or No.



Yes / No

Explain how you know.

2003A KS2 Q21



.....
.....
.....



2002A KS2 Q24

Which is larger, $\frac{1}{3}$ or $\frac{2}{5}$?



Explain how you know.



.....
.....
.....
.....
.....



Put a tick (✓) in **each row** to complete this table.

One has been done for you.

2001A KS2 Q8



	greater than $\frac{1}{2}$	less than $\frac{1}{2}$
0.9	✓	
0.06		
$\frac{11}{20}$		
0.21		



Complete these fractions to make each equivalent to $\frac{3}{5}$

2001A KS2 Q19

$$\frac{\square}{10}$$

$$\frac{\square}{15}$$

$$\frac{12}{\square}$$