FRACTION OF A QUANTITY

Help Code : 008

20 Lara had some money.

She spent £1.25 on a drink.

She spent £1.60 on a sandwich.

She has **three-quarters** of her money left.

How much money did Lara have to **start with**?

Show your method

£

20 On Saturday Lara read $\frac{2}{5}$ of her book.

On Sunday she read the **other** 90 pages to finish the book.

How many pages are there in Lara's book?

Show your method

pages

18 100 girls and 50 boys were asked which kind of chocolate they like best.

These two pie charts show the results.

plain chocolate | white chocolate
milk chocolate

100 girls

plain chocolate | white chocolate
milk chocolate

50 boys

Dev says,

"The pie charts show that more girls than boys liked milk chocolate best."

Dev is correct.

Explain how you know.

LAST YEARS questions

26 $\frac{1}{4} \times \frac{1}{8} =$

1 mark

34 $\frac{2}{5} \times 140 =$

1 mark

9 $96 \div 4 =$

1 mark

33 $\frac{3}{5} \div 3 =$

1 mark

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18 Here are the ingredients for chocolate ice cream.

cream	400 ml
milk	500 ml
egg yolks	4
chocolate	120 g
sugar	100 g

Stefan has only 300ml of cream to make choc

How much **chocolate** should he use?

Show your method

g

Y6 SATs
Fraction Of a Quantity BOOSTER

2012A KS2 Q24

In a class, 18 of the children are girls.

A quarter of the children in the class are boys.

Altogether, how many children are there in the class?

Show your working

2008A KS2 Q21

Ben thinks of a number.

He adds half of the number to a quarter of the number.

The result is 60

What was the number Ben first thought of?

Show your **working**. You may get a mark.

2007A KS2 Q24

Part of this number line is shaded.

0   1   2

Circle all the numbers below that belong in the shaded part of the number line.

1.1   1.4 $1\frac{1}{3}$ $1\frac{1}{5}$

2005A KS2 Q18

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

roast

jacket
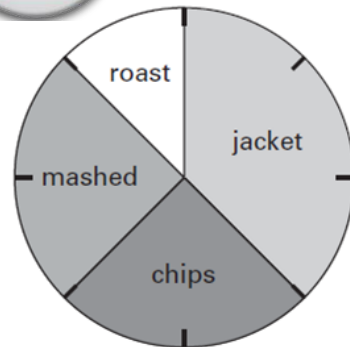
mashed

chips

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.

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. ☐

2003A KS2 Q9

Tom and Nadia have 16 cards each.

Tom gives Nadia **12** of his cards.

How many cards do Tom and Nadia each have now?

Tom ☐   Nadia ☐

Lucy also has 16 cards.

She gives a **quarter** of her cards to Kiran.

How many cards does Lucy give to Kiran?

Three-quarters of a number is **48**

What is the number?

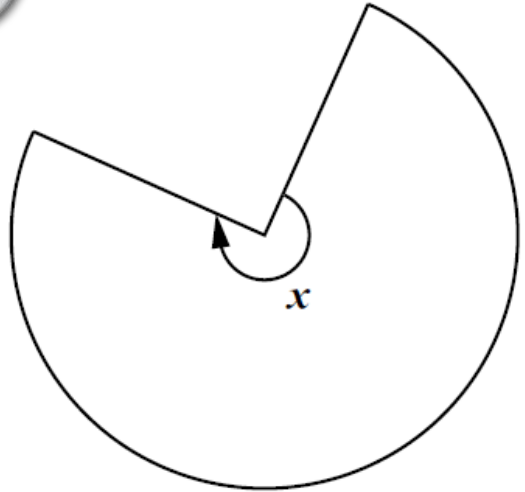Calculate $\frac{3}{4}$ of **840**

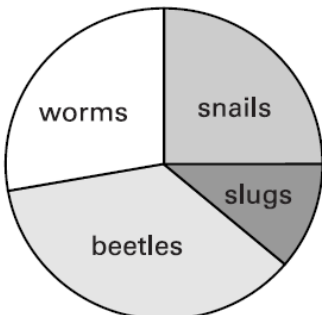This shape is **three-quarters of a circle**.

x

How many degrees is **angle x**?

°

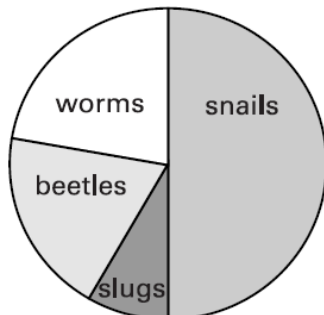Tony and Gemma looked for snails, worms, slugs and beetles in their gardens.

They each made a pie chart of what they found.

Tony's pie chart

worms

snails

slugs

beetles

Total 80

Gemma's pie chart

worms

snails

beetles

slugs

Total 36

Estimate the number of **worms** that **Tony** found.

Who found more **snails**?
Circle Tony or Gemma.

Tony / Gemma

Explain how you know.

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