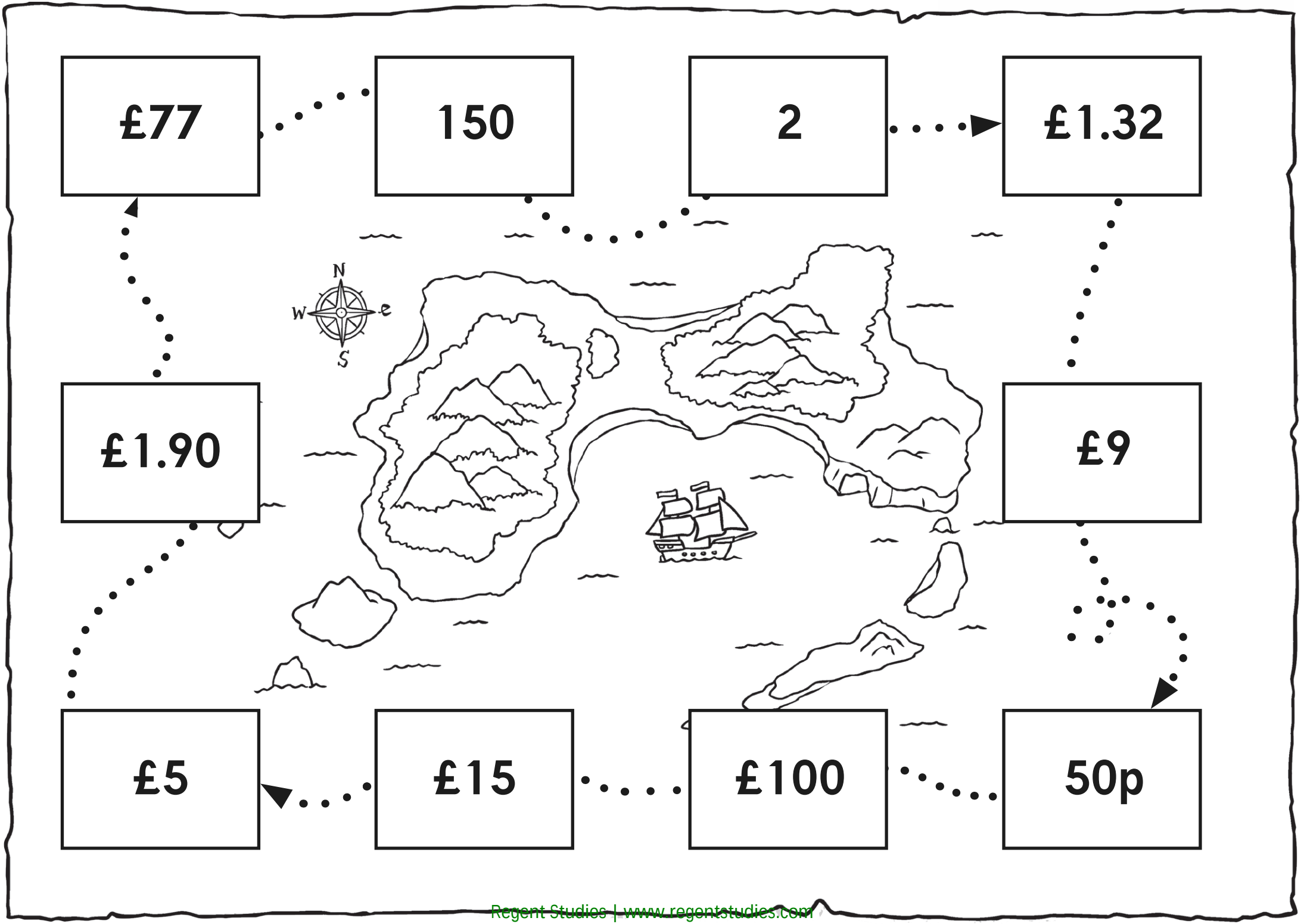
Fractions of Money Differentiated Treasure Hunt Activty

Instructions

In this differentiated game, students work in teams to find the answer to fractions of money questions displayed around the classroom. The answer will then lead the group to the next question poster. The first team to visit and answer all question poster is the winner!

Set Up

- Print a set of of the 'Treasure Hunt Posters' to display around the classroom – they need to be accessible so the teams can stand nearby while they discuss the answer. Choose either the Silver posters, or the Gold posters for an additional challenge. Alternatively, you could display both to allow the children to choose the version they feel most comfortable with.
- Give each team their own 'Treasure Hunt Map' sheet to guide them around the classroom.
- Start each team at a different poster – the order they complete the circuit in doesn't matter as the winners are the first team to visit all 10.
- Once a team has determined an answer, they write it on the first space of their map and look around the room for the question poster with the matching answer in the top left corner.



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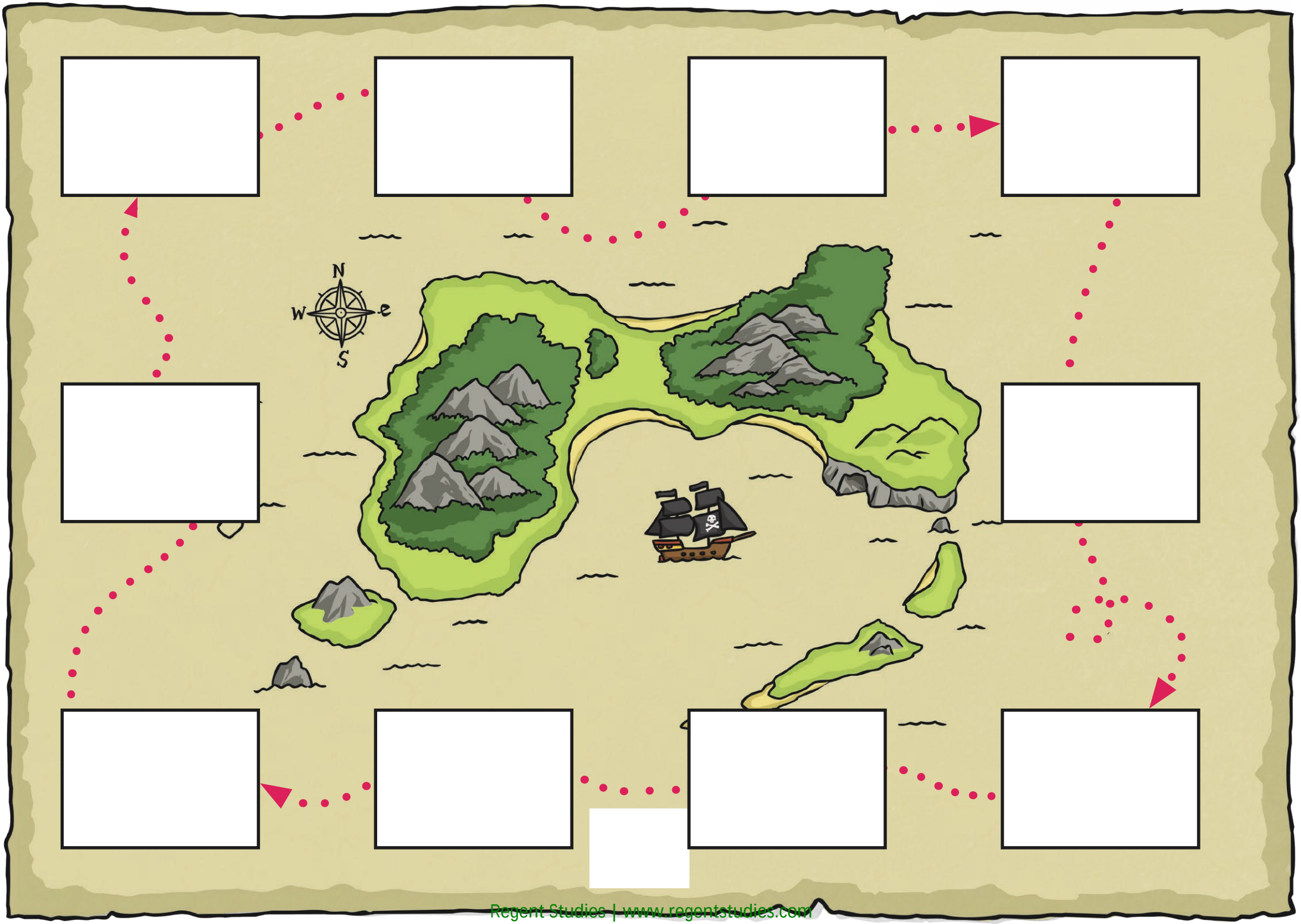

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Answer: **£100**

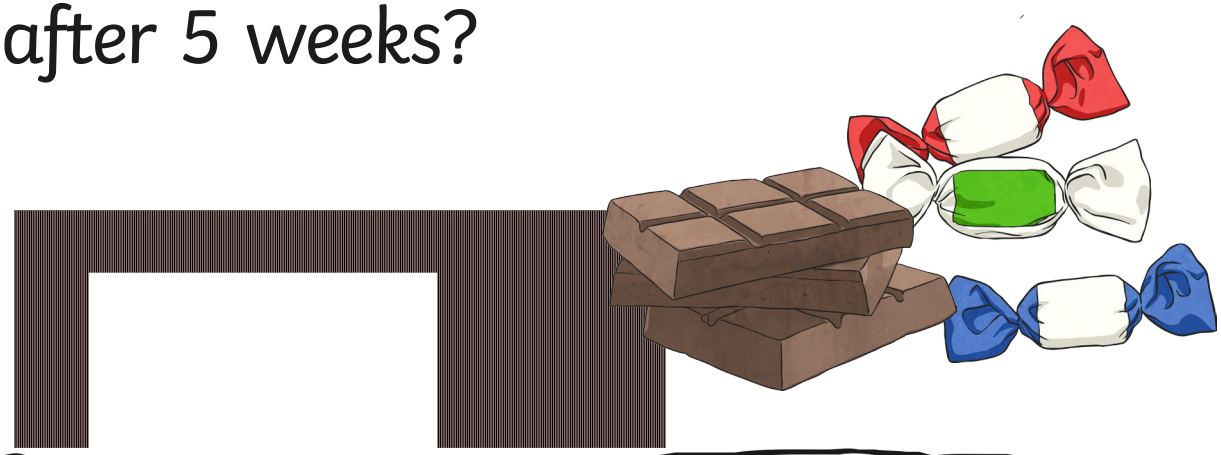
Year 4 need to raise £100 for their class trip.

By doing a sponsored walk, they raise $\frac{6}{10}$ of the amount. At a cake sale, they raise $\frac{5}{8}$ of the remaining target.

How much do they still need to raise?

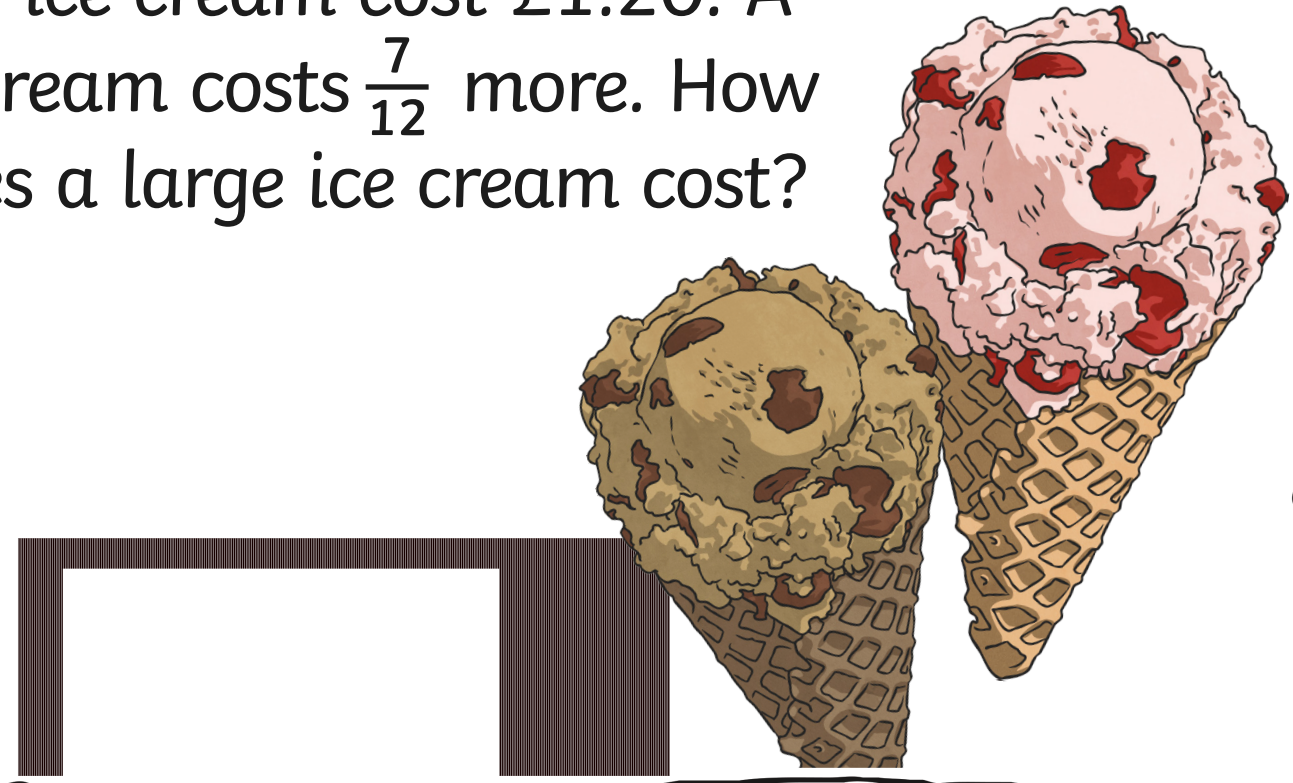
Answer: **£15**

Reuben gets £2 pocket money a week. Each week, he spends $\frac{1}{4}$ of it on sweets. He spends $\frac{1}{3}$ of the rest on his favourite magazine. If he saves what he has left, how much will he have after 5 weeks?



Answer: **£5**

A regular ice cream cost £1.20. A large ice cream costs $\frac{7}{12}$ more. How much does a large ice cream cost?



Answer: **£1.90**

Term 1	September	£36
	October	£47
	November	£43
	December	£24
Term 2	January	£29
	February	£46
	March	£42
	April	£38
Term 3	May	£18
	June	£30
	July	£32
	August	£0

Throughout the year, Twinkl Road School has a fundraising event each month. The town mayor said she would donate an extra tenth to whatever they managed to raise. Including the bonus from the mayor, how much more did they raise in term 1 than term 3?

Answer: **£77**

Aisha is collecting pennies in a jar. She has £2 in her jar so far. She accidentally drops the jar and $\frac{1}{4}$ of the coins fall out. How many coins are still in the jar?

Answer: **150**

Aleena has to choose between three shirts which are all in the sale. She decides she will buy the shirt which is the cheapest as she likes them all. Which number shirt did she buy?

shirt 1

shirt 2

shirt 3

Answer: **2**

Conor is making fruit salad to sell on his stall. Each portion has:

$\frac{1}{2}$ an orange

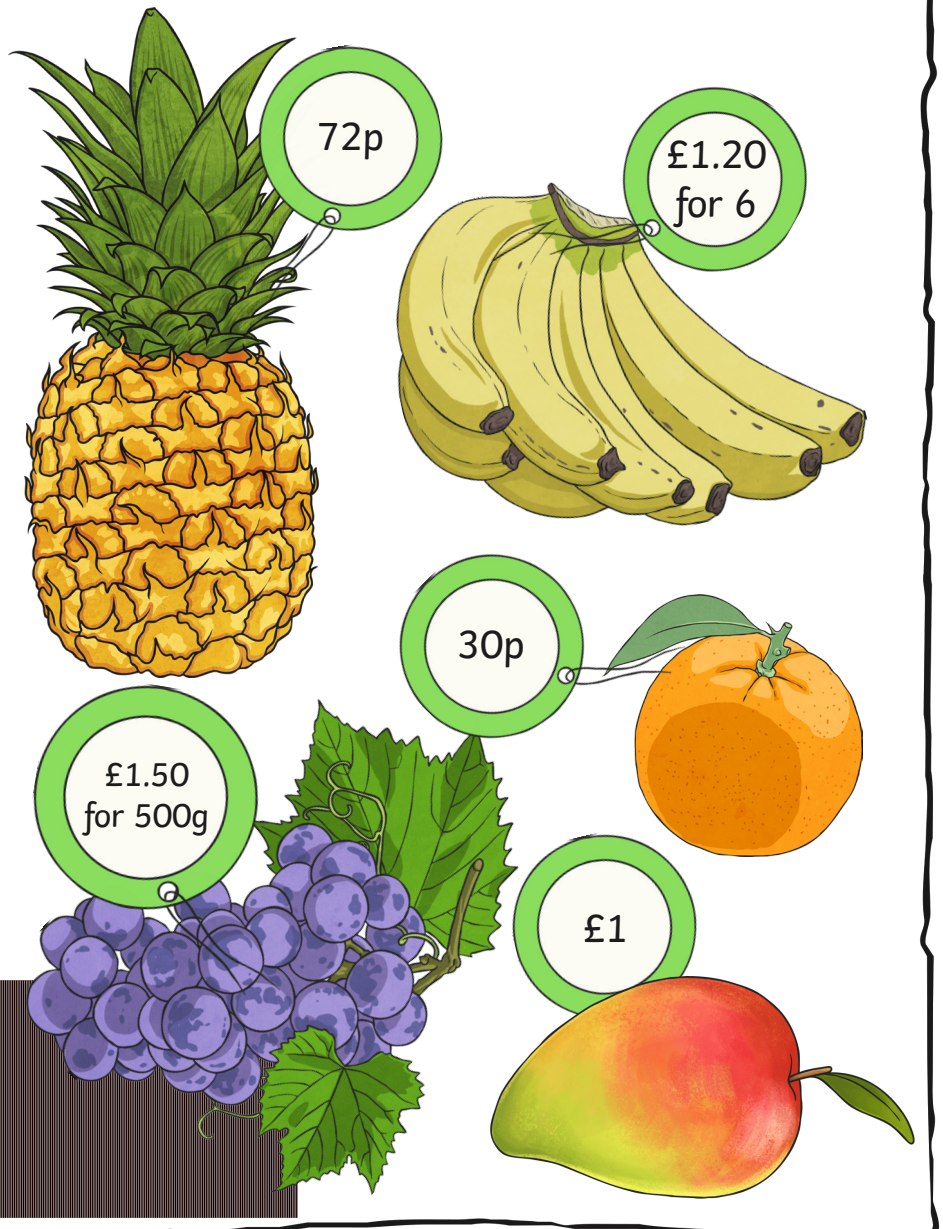
1 banana

$\frac{3}{8}$ of a pineapple

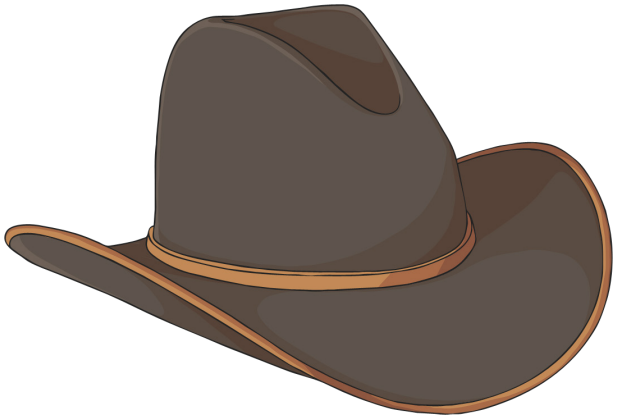
100g of grapes

$\frac{2}{5}$ of a mango

How much does each portion cost to make?



Answer: **£1.32**



Mandeep has £6. This is $\frac{2}{3}$ of the amount of money that she needs to buy a new hat. How much does the hat cost?

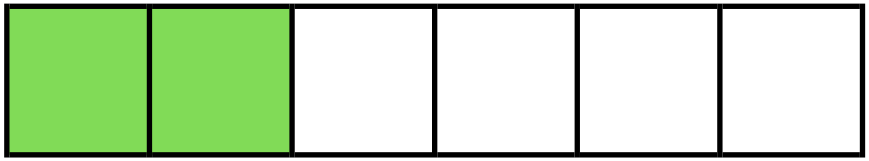
Answer: **£9**

Noah had £3 to spend in a sweet shop. He spent half of his money on fizzy cola bottles and one third on jelly babies. How much has he got left to spend on flying saucers?

Answer: **50p**

Happy Lane Primary School has been raising money all year to buy new playground equipment. They need to raise £600.

In January, their totaliser looked like this:



By April, they had raised $\frac{3}{4}$ of the remaining amount.

How much do they still need to raise?

Answer: **£100**

Year 4 need to raise £150 for their class trip.

By doing a sponsored walk and a cake sale, they have already raised $\frac{9}{10}$ of the amount.

How much do they still need to raise?

Answer: **£15**

Reuben gets £2 pocket money a week. Each week, he spends half of it and saves the other half. How much will he have saved after 5 weeks?

Answer: **£5**

A regular ice cream cost £1.20. A large ice cream costs $\frac{7}{12}$ more. How much does a large ice-cream cost?

Answer: **£1.90**

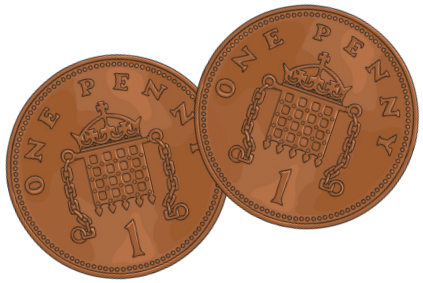
Throughout the year, Twinkl Road School have fundraising events each term. The town mayor said that she would donate an extra tenth to whatever they managed to raise. Including the bonus from the mayor, how much more did they raise in term 1 than term 3?

Term 1: £150 + $\frac{1}{10}$

Term 2: £155 + $\frac{1}{10}$

Term 3: £80 + $\frac{1}{10}$

Answer: **£77**



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2 oranges

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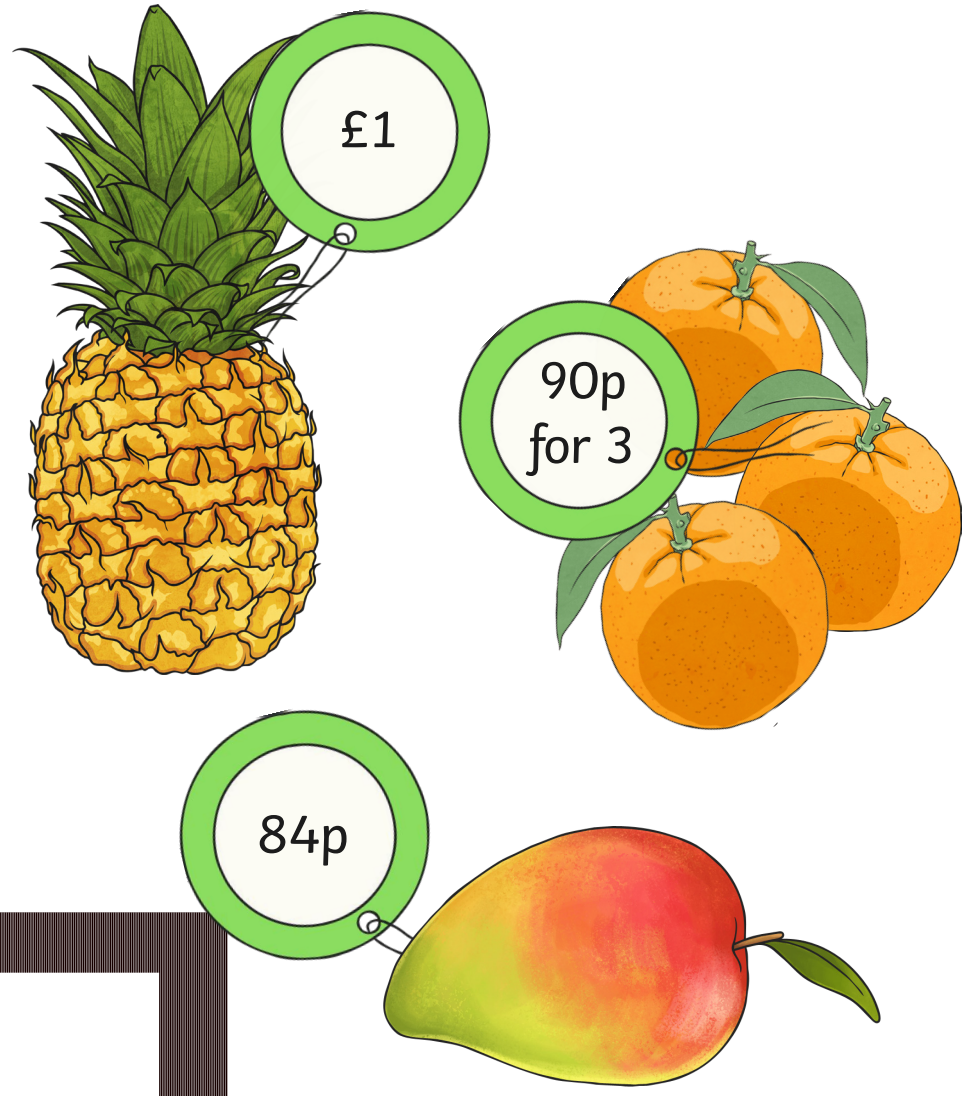
$\frac{1}{2}$ a mango

How much does each portion cost to make?



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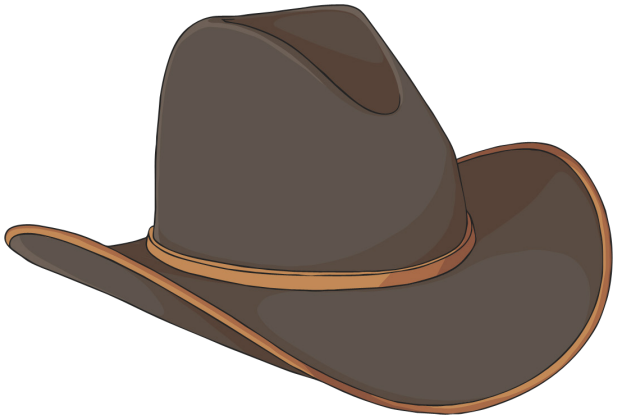
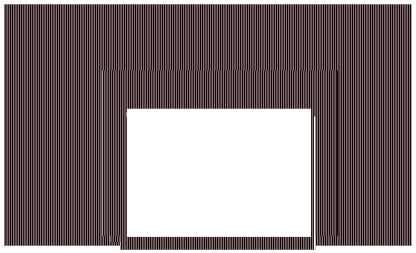


Mandeep wants to buy a hat. It costs £12 but has $\frac{1}{4}$ off.

How much does the hat cost?



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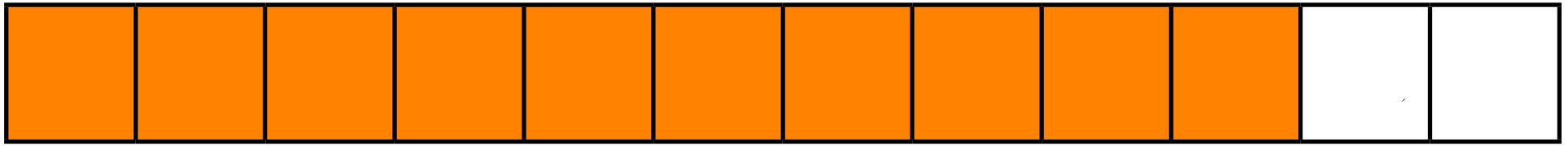

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