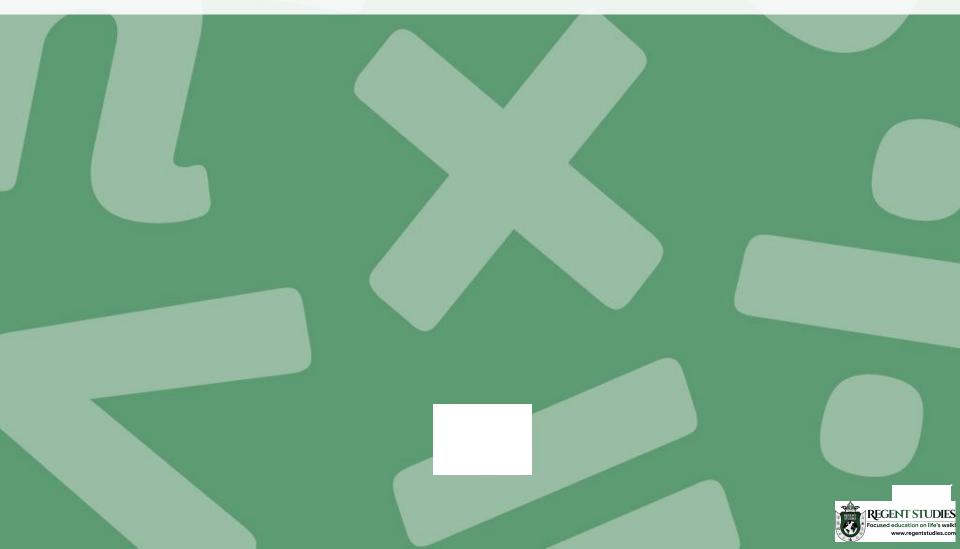


Party Time!



Aim

• I can solve word problems involving all four operations.

Success Criteria

- I can identify the important information in a word problem.
- I can find the calculation I need to do to answer the question.
- I can solve the problem and check my answer.



Possibilities



Using one digit per box, how many different calculations Click the clock for a three-minute countdown. can you think of to make this equation correct?





I visit two shops to find the best price for cupcakes for my party. The lady in Sweet Treats is really nice and even lets me taste one!







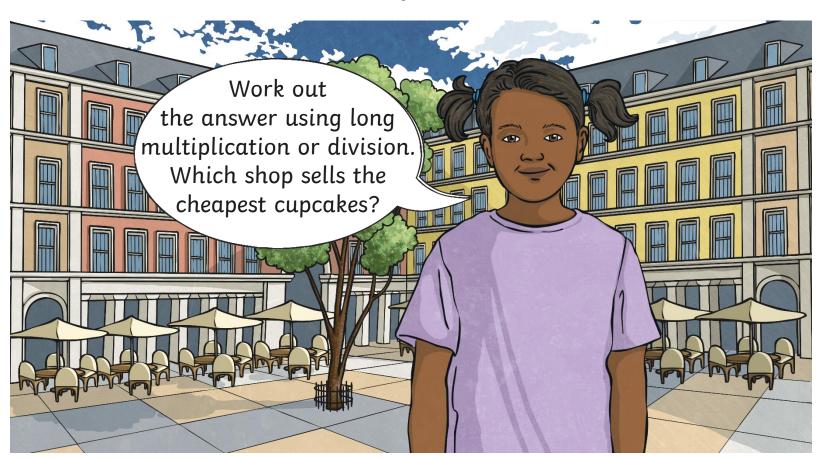
Which part of the question contains the important information?







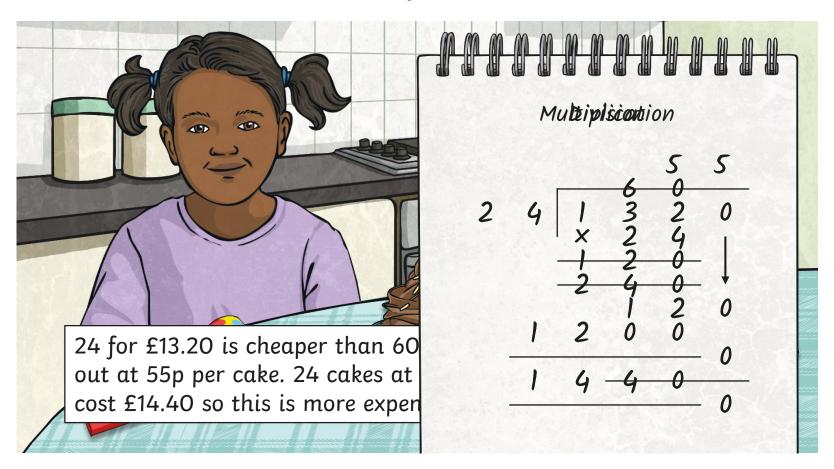
Which is cheaper? 24 for £13.20 or 60p each?





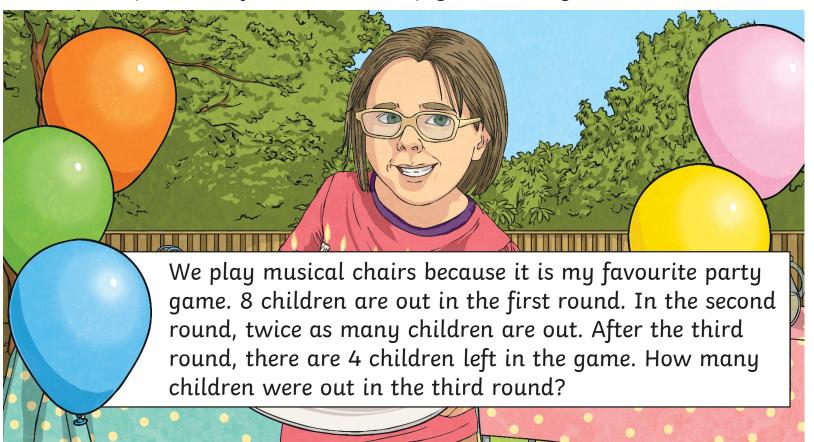


Which is cheaper? 24 for £13.20 or 60p each?





Work out the answers to these questions, remembering to look for the important information to help you choose your calculation.





Question 1.

party. I love party games and need to buy a first, second and third prize for each game. How many games can I play if I have 50 prizes? Will there be any prizes left over?

50 (prizes) ÷ 3 (first, second and third per game) = ? remainder?

Next, highlight the important How many 3s are there in 50?

$$16 \times 3 = 48$$

calculations needed to solve the

So, there will be enough prizes for 16 games with 2 prizes left over.





Question 2.

I can check this by adding up the boys and girls to check that we have 36 children altogether.

Next. highlight the important

20 (boys) + 7 (girls) + 9 (girls)

= 36 children in total

11 + 9 = 20 boys in total carcurations needed to soive the problem.



I split the party guests into two equal teams. There are 36 children in total. In one team, there are 7 girls and in the other team, there are 9 girls. How many boys are there altogether at the party?





Question 3.

because it is my favourite

party game. 8 children

are out in the first round.

In the second round, twice

as many children are out.

After the third round,

there are 4 children left in

the game. How many

children were out in the

third round?

Check it: 8 + 16 + 8 + 4 = 36

- 8 = 28

Second round. 8 x 2 out

 $28 - (2 \times 8) = 28 - 16 = 12$ (left after second round)

12 - 4 (left in the fourth round) = 8

problem.

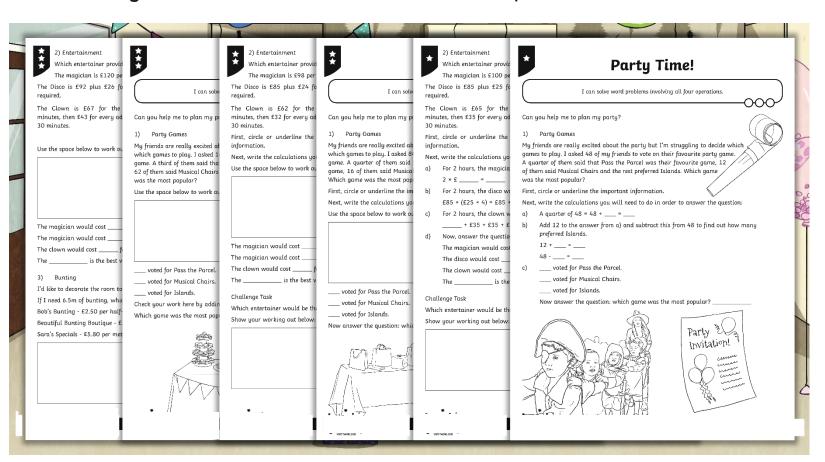
So, 8 children must have been out in the third round.



Party Time!



Use your marvellous maths skills to complete these activities:





Pass the Problem

You have three minutes to write a word problem on your piece of paper (don't write the answer!). Make sure you put your name on it.





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Success Criteria

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