

Spooky Maths Challenge: Halloween Edition

Learning objective: To apply Year 5 arithmetic skills, including multiplication, division, fractions, and money calculations, in a themed context.

Read each flashcard carefully. Solve the maths problem on the front and check your answer on the back. Use your working-out space to help you calculate the trick-or-treat totals!

Max has 12 bags of pumpkin seeds. Each bag contains 25 seeds. How many seeds does he have in total?

300 seeds ($12 \times 25 = 300$)

Zara is making 48 spider-web decorations. She wants to share them equally between 6 spooky corners of the library. How many webs go in each corner?

8 webs ($48 \div 6 = 8$)

A bag of 40 glow-in-the-dark stickers costs £4.80. How much does one sticker cost?

12p ($£4.80 \div 40 = £0.12$)

Pip has 85 ghost-shaped biscuits. He eats $\frac{1}{5}$ of them. How many biscuits did he eat?

17 biscuits ($85 \div 5 = 17$)

Kit buys 3 costumes at £12.50 each and a witch's hat for £4.75. What is the total cost?

£42.25 ($£37.50 + £4.75 = £42.25$)

Nova finds 150 fallen leaves for a craft project. She uses 65 leaves. How many leaves are left?

85 leaves ($150 - 65 = 85$)

If 11 children each bring 9 small pumpkins to the party, how many pumpkins are there altogether?

99 pumpkins ($11 \times 9 = 99$)

Bea the bee is collecting nectar from 72 sunflowers. If she visits them in groups of 8, how many groups will she visit?

9 groups ($72 \div 8 = 9$)

A pack of 50 sweet treats costs £2.50. What is the price of one treat?

5p ($£2.50 \div 50 = £0.05$)

Leo has 200 black paper cut-outs. He gives $\frac{1}{4}$ of them to his friends. How many does he keep for himself?

150 cut-outs ($200 \div 4 = 50$ given away; $200 - 50 = 150$)