

Max's Spooky Halloween Maths Challenge

Learning objective: To practise Year 4 mathematical skills including money, multiplication, division, and addition within a themed context.

Read each card carefully. Use your maths skills to solve the puzzles or define the terms. Max the monkey is ready to help you check your working out!

Max buys 4 bags of spectral sweets costing £1.25 each. What is the total cost?	If a pumpkin costs £2.50 and a spider web decoration costs £1.75, how much change would you get from a £5 note?
£5.00	75p
There are 32 ghostly lanterns to be shared equally between 4 classrooms. How many lanterns per classroom?	A witch's broomstick costs £8.99. If the price is reduced by £2.50 in a sale, what is the new price?
8	£6.49
If you have 6 boxes of treats and each box contains 9 chocolate eyeballs, how many eyeballs do you have in total?	Define the term 'Product' as used in multiplication.
54	The result when two or more numbers are multiplied together.
Kit the fox finds 15 silver coins and 28 gold coins. How many coins does he have altogether?	If one packet of potion ingredients costs 50p, how many packets can you buy with £3.00?
43	6 packets
What is the difference in price between a £4.20 mask and a £2.80 cloak?	Zara the zebra has 48 colourful ribbons. She shares them into 6 equal bundles for decorations. How many ribbons are in each bundle?
£1.40	8
If a Halloween party starts at 16:30 and lasts for 90 minutes, what time does it finish?	What is the 'Quotient'?
18:00 (or 6:00 pm)	The result of a division calculation.