

Max's Mathematical Word Problem Challenge

Learning objective: To solve multi-step word problems involving all four operations, money, and measurement, using the strategies favoured by Max the Monkey.

Read each card carefully. Use Max's method: underline the key numbers, identify the operation needed, and check your units (pounds, pence, metres, or kilograms).

Max bought 4 bunches of bananas at £1.25 each. He paid with a £10 note. How much change did Max receive?

£5.00 change.

Ellie the elephant needs 15 litres of water. If she drinks 3 litres every hour, how many hours will it take to finish the water?

5 hours.

Pip the caterpillar read 12 pages a day for 7 days. How many pages did Pip read in total?

84 pages.

Zara has 48 colourful ribbons. She wants to share them equally between 6 friends. How many ribbons does each friend get?

8 ribbons.

Nova the owl flew 150 metres to a tree and then 225 metres to a rock. How far did Nova fly in total?

375 metres.

Kit has a collection of 100 puzzle pieces. He loses 12 pieces and then finds 5 more. How many pieces does he have now?

93 pieces.

A packet of seeds costs 80p. How many packets can Bea the bee buy with £5.00?

6 packets (with 20p change).

Finn the dolphin swam 20km on Monday and 15km on Tuesday. If he aims to swim 50km by Friday, how much further must he swim?

15km.

Leo the lion wrote 9 poems. Each poem had 4 stanzas. How many stanzas did he write in total?

36 stanzas.

Rosa the parrot has 32 seeds. She gives half to her friends and keeps the rest. How many seeds does she keep?

16 seeds.

If 3 identical notebooks cost £3.60, how much would one notebook cost?

£1.20.

Max finds 5 boxes of chalk. Each box contains 20 pieces. If 10 pieces are broken, how many whole pieces remain?

90 pieces.