

Max's Fruit Stall Fractions

Learning objective: To recognize, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.

Help Max the monkey work out his fruit stall prices and portions. Read the story carefully and use your math skills to solve the fraction puzzles.

Max is running a fruit stall today! He has a basket of 12 shiny red apples. Max decides to give $\frac{1}{4}$ of his apples to his friend Leo the lion. Later, Max cuts a long melon into 3 equal pieces. He sells $\frac{1}{3}$ of the melon to a hungry rabbit. Max also has a bunch of 8 bananas. He sells $\frac{3}{4}$ of the bananas to a family of monkeys for £2. Finally, Max has a punnet of 4 strawberries. He sells $\frac{1}{2}$ of them to a passing hedgehog.

Word bank: numerator · denominator · fraction · whole · half · quarter · third

1. Max has 12 apples. How many apples does he give to Leo if he gives away $\frac{1}{4}$ of them? (2 marks)

2. If Max has 8 bananas, how many bananas is $\frac{3}{4}$ of the bunch? (2 marks)

3. Max sold $\frac{1}{3}$ of his melon. If the melon was cut into 3 equal pieces, how many pieces did he sell? (1 mark)

4. Max sells $\frac{1}{2}$ of his 4 strawberries. How many strawberries does he have left? (2 marks)

5. Max charges £4 for a whole melon. How much would $\frac{1}{4}$ of the melon cost? (2 marks)

Draw: Draw a basket containing 12 apples. Circle $\frac{1}{4}$ of the apples to show how many Max gave to Leo.



Extension challenge: Max has 20 grapes. Can you write a word problem for a partner that involves finding $\frac{1}{4}$, $\frac{1}{2}$, or $\frac{3}{4}$ of those 20 grapes?