

Max's Tasty 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.

Max the monkey has been busy in the kitchen! Help him solve these fraction puzzles using your knowledge of halves and quarters.

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

1. Max has 12 bananas. He gives $\frac{1}{4}$ of them to his friends. How many bananas does he give away? (2 marks)

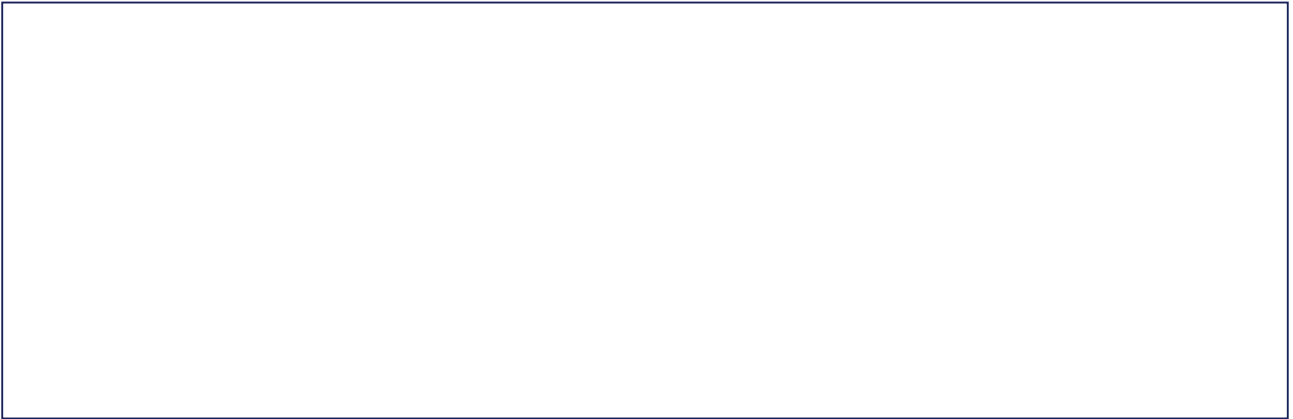
2. Zara has a chocolate bar with 8 squares. She eats $\frac{3}{4}$ of the bar. How many squares did she eat? (2 marks)

3. Pip has 15 red apples. If he puts them into 3 equal groups, what is $\frac{1}{3}$ of the apples? (2 marks)

4. Leo has £10. He spends $\frac{1}{2}$ of his money on a new notebook. How much money does he have left? (2 marks)

5. Draw a circle and shade $\frac{3}{4}$ of it. Explain how you know you have shaded $\frac{3}{4}$. (3 marks)

Draw: Draw a plate with 8 cookies on it. Circle $\frac{1}{4}$ of the cookies to show how many Max is allowed to eat before dinner.



Extension challenge: If Max has 20 grapes and shares them equally between 4 friends, what fraction of the grapes does each friend get? Write your answer as a fraction.