

Grade 1 Math Assessment: Fantastic Fractions with Max the Monkey

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.

Read each question carefully. Max the Monkey has some puzzles for you to solve. Show your workings where possible.

Max the Monkey is busy in the jungle counting his fruit. He has 12 bananas to share with his friends. He also has some colorful shapes to help him learn about parts of a whole.

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

1. Max has 4 apples. He gives half of them to Pip the caterpillar. How many apples does Pip get? Show your working out. (2 marks)

2. Circle the shapes that show one quarter ($\frac{1}{4}$) shaded. Explain how you know they are quarters. (3 marks)

3. Max has 12 bananas. He wants to find one third ($\frac{1}{3}$) of his bananas. How many bananas is that? (2 marks)

4. Write the fraction that represents the shaded part of these shapes: [Image A: A square split into 4 equal parts with 3 parts shaded]. [Image B: A rectangle split into 2 equal parts with 1 part shaded]. (3 marks)

5. Max finds a bag of 20 gold coins. He gives three quarters ($\frac{3}{4}$) of the coins to his friends. How many coins did he give away? (4 marks)

6. Max buys a bunch of 8 flowers for £4. He decides to give half of the flowers to Zara the zebra. How many flowers does Zara get? If each flower costs the same amount, how much money did the flowers Zara received cost? Explain your thinking. (5 marks)

7. If you have a whole chocolate bar, is it better to have $\frac{1}{2}$ or $\frac{1}{4}$ of it? Use your own words to explain why. (6 marks)

Draw: Draw a rectangle and shade exactly three quarters ($\frac{3}{4}$) of it. Make sure your parts are equal.



Extension challenge: Total: /25