

Fraction Fun with Max

Learning objective: To understand and apply the concept of fractions, including identifying fractions of shapes and sets, and comparing simple fractions.

Max the monkey is exploring fractions by solving puzzles and comparing shapes. Help Max by answering the questions below.

Word bank: half · quarter · third · set · compare · fraction · shape

1. Max has a pizza cut into 4 equal pieces. He eats 1 piece. What fraction of the pizza has Max eaten? (2 marks)

2. There are 12 flowers in a garden. If one-third of the flowers are red, how many red flowers are there? (2 marks)

3. Compare the fractions $\frac{1}{2}$ and $\frac{2}{4}$. Is $\frac{1}{2}$ bigger, smaller, or the same as $\frac{2}{4}$? (2 marks)

4. Max has a box of 9 crayons. If 3 out of the 9 crayons are blue, what fraction of the crayons are blue? (2 marks)

5. If a pie is cut into 6 equal slices and 4 slices are eaten, what fraction of the pie is left? (2 marks)

Draw: Draw a shape and divide it into 4 equal parts. Color in 1 part and write the fraction of the shape that is colored.



Extension challenge: Max is planning to share his apple pie with his friends. If the pie is cut into 8 equal slices and Max gives 2 slices to each of his 3 friends, what fraction of the pie does each friend get?