

Max the Monkey's Fraction Feast

Learning objective: To recognise, find, and write fractions of a discrete set of objects and identify equivalent fractions.

Read each question carefully and show your working out. Remember to look at the total number of items in each set before calculating your fraction.

Max the Monkey is organising a fruit party for his friends. He has a basket of 20 pieces of fruit to share. There are 8 bananas, 4 apples, 6 pears, and 2 oranges. Max needs your help to make sure everyone gets their fair share of the snacks!

Word bank: numerator · denominator · equivalent · fraction · whole · part

1. What fraction of the total fruit are bananas? Write your answer in its simplest form. (2 marks)

2. Max wants to give $\frac{1}{4}$ of the total fruit to Pip the caterpillar. How many pieces of fruit does Pip receive? (2 marks)

3. If Max gives away $\frac{3}{4}$ of the pears, how many pears are left in the basket? (2 marks)

4. Are the fractions $\frac{2}{4}$ and $\frac{4}{8}$ equivalent? Explain your reasoning using your knowledge of fractions. (2 marks)

5. Zara the zebra arrives and brings 10 extra strawberries. If Max adds these to the 20 pieces of fruit he already has, what fraction of the new total are strawberries? (2 marks)

Draw: Draw a plate showing $\frac{1}{5}$ of the total 20 pieces of fruit (4 pieces) using a mix of bananas and apples.



Extension challenge: Max has a collection of 30 colourful pebbles. He says that $\frac{2}{3}$ of them are blue and $\frac{1}{6}$ are red. How many pebbles are blue, how many are red, and how many are another colour?