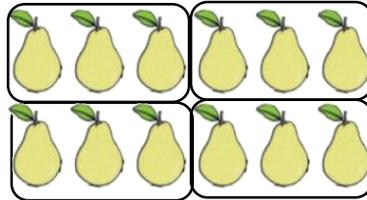


Key concepts and questions

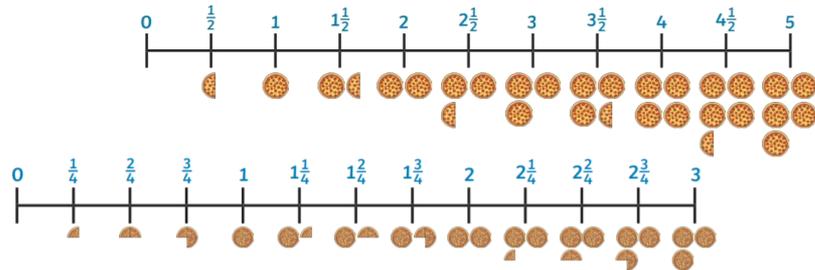
How do you find a fraction of an amount?

- Divide the whole by the denominator
- Multiply by the numerator
- Find $\frac{3}{4}$ of 12. I put the pears into 4 groups, then count the total of 3 groups. $3 \times 3 = 9$
- $\frac{3}{4}$ of 12 = 9



How many parts in the whole?

- The numerator tells you how many parts are in the whole, e.g. $\frac{1}{4}$ the whole is made up of 4 equal parts. When the numerator and the denominator are the same, it is one whole e.g. $\frac{2}{2} = 1$ whole

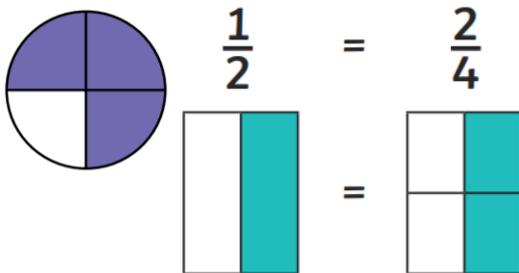


Key Vocabulary

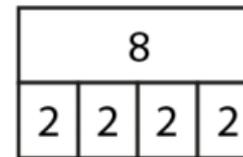
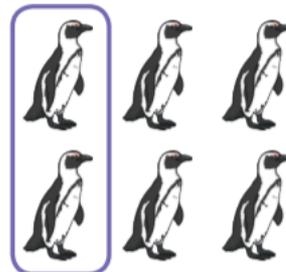
Fraction	An equal part of a whole.		
Numerator	The top number in a fraction.		
Denominator	The bottom number in a fraction.		
Whole	All the parts together, or a whole number.		
Equivalent	Of equal value or size.		
Share	To divide objects into equal groups.		
Half 1 of 2 equal parts	$\frac{1}{2}$	Third 1 of 3 equal parts	$\frac{1}{3}$
		Quarter 1 of 4 equal parts	$\frac{1}{4}$
Unit fraction	The numerator is one.		
Non-unit fraction	The numerator is greater than one.		

Representations

Shapes – represent fractions and can help with recognising equivalent fractions.



Pictures – help find fractions of amounts, as do Bar models



$\frac{1}{4}$ of 8

Making connections

Division

Sharing equally means you are dividing into equal parts.

