Fractions of Amounts

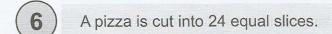**6**   A pizza is cut into 24 equal slices.

$\frac{3}{8}$ of the pizza is eaten. How many slices are left?

	slices

1 mark

7   Derek has 35 films at home and 18 films at his grandparents' house.

He has watched four fifths of the films at home and five ninths of the films at his grandparents' house.

How many films has he watched altogether?

	films

1 mark

8   Work out the missing numerators.

$\dfrac{\boxed{}}{6}$ of 12 = 2 $\dfrac{\boxed{}}{5}$ of 25 = 15

2 marks

$\dfrac{\boxed{}}{10}$ of 120 = 36 $\dfrac{\boxed{}}{7}$ of 49 = 35

2 marks

9   In a zoo, $\frac{2}{7}$ of the penguins have black beaks.

There are eight penguins with black beaks.
How many penguins do **not** have black beaks?

	penguins

1 mark

"I can solve problems that involve calculating fractions of amounts."