

Key Info

A box contains **dark, milk** and **white** chocolates.
There are **twice as many milk** chocolates **as dark** chocolates.
There are **36 chocolates** in the box.

Some **white** chocolates are **taken out** of the box.
There are now **30 chocolates** in the box.
The number of **white** chocolates **has halved**.

How many milk chocolates are in the box?

Visual



36 chocolates



30 chocolates

Milk : Dark



Answer



36 chocolates



30 chocolates

Milk : Dark

16

8

Fractions and ratios

1

A box contains **dark, milk** and **white** chocolates.
There are **twice as many milk** chocolates as **dark** chocolates.
There are **36 chocolates** in the box.

Some **white** chocolates are **taken out** of the box.
There are now **30 chocolates** in the box.
The number of **white** chocolates **has halved**.

How many milk chocolates are in the box?

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Answer (3 marks)

2

A bag contains only **red, green** and **blue** counters.
There are **three times as many green** counters as **red** counters.
There are **46 counters** in the bag.

Some **blue** counters are **taken out** of the bag.
There are now **43 counters** in the bag.
The number of **blue** counters **has halved**.

How many red counters are in the bag?

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Answer (3 marks)



Fractions and ratios

3

A box contains **toffees, mints** and **chocolates**.
There are **twice as many chocolates as mints**.
There are **27 sweets** in the bag.

Some **toffees** are **taken out** of the box.
There are now **24 sweets** in the box.
The number of **toffees has halved**.

How many chocolates are in the box?

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Answer

(3 marks)