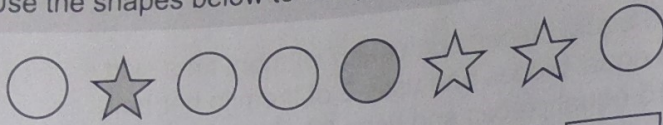


# Ratio, Proportion and Unequal Sharing

1

Use the shapes below to complete the following sentences.



The ratio of circles to stars is

:



For every shaded shape there are

unshaded shapes.

2

For every 5 books you buy from a bookshop, you get a free bookmark.

Mr Jukes buys 45 books. How many free bookmarks will he get?



3

In a box of pens, there are 3 green pens for every 4 blue pens.

There are 15 green pens in the box. How many blue pens are there?



4

A recipe for a fruit crumble uses 5 apples and 8 plums.

Kamui is using 48 plums in his crumble. How many apples does he need?



Suki is using 25 apples for her crumble. How many plums should she use?



# Ratio, Proportion and Unequal Sharing

5

The ratio of witches to mummies at a Halloween party is 2:3.

There are 12 witches at the party. How many mummies are there?




1 mark

6

Three sandwiches cost the same amount as five bags of crisps.

One sandwich costs £1.50. How much does one bag of crisps cost?


 p

2 marks

7

Mike and Fiona are baking blueberry muffins.  
For every 30 blueberries Mike uses, Fiona uses 50.

They use 400 blueberries in total. How many blueberries does Fiona use?




1 mark

8

Kayla and Leanne share a bag of marbles.  
For every 4 marbles Kayla gets, Leanne gets 3.

There are 42 marbles in the bag. How many does each girl get?



Kayla:



Leanne:

1 mark

"I can solve problems that are to do with the relative sizes of two amounts. I can work out how to share things unequally."

