

A recipe for Fairy Cakes

100g butter
150g sugar
100g flour
2 eggs
1 teaspoon vanilla



This recipe makes 12 cakes.
What ingredients would I need
for 6 cakes?
for 24 cakes?
for 18 cakes?
for 120 cakes?

MUESLI SQUARES

Makes 15

75 g butter	150g	25g
30 ml golden syrup	60mL	10mL
45 g soft brown sugar	90g	15g
165 g muesli	330g	55g
45 g glacé cherries	90g	15g
105 g plain chocolate, melted	210g	35g
	30sq	5

Write down the ingredients needed for:

- 30 squares
- 5 squares

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Multipacks

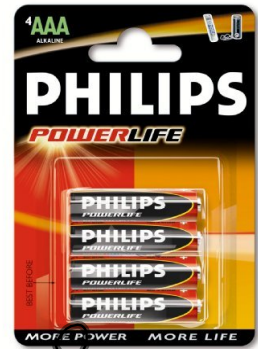


A 6 pack of milk, in litre bottles costs £4.80
A single bottle costs 83p.
Which is better value?

$$6 \times 83p = \boxed{\pounds 4.98}$$



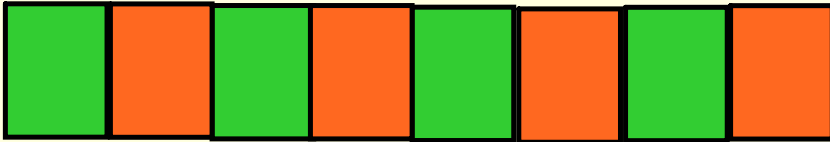
A 12 pack of batteries costs £4.60
A 4 pack costs £1.50
Which is better value?



$$\begin{aligned} 3 \text{ lots of } 4 \text{ packs} &= 1.50 \times 3 \\ &= \pounds 4.50 \end{aligned}$$

What's the ratio?

g:o

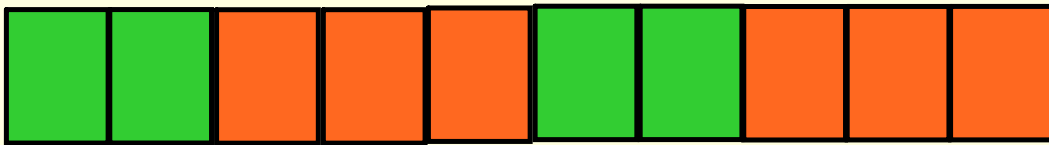


4:4
1:1 6:6
2:2

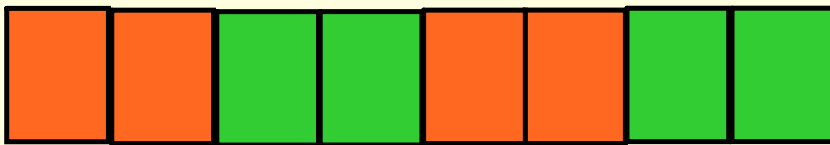
0:9 2:1



1:2 100:200
3:6
4:8 40:60



4:6
2:3
20:30



Fred and Hilda

Pots of Paint

3:1

2:1



3:2
10:1

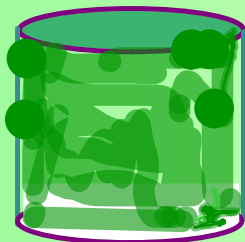
red:white



1:3
1:4

4:2

green:white



2:5

intro

Match the pairs of equivalent ratios

7:14

5:1

50:15

100:200

15:3

1:2

2:4

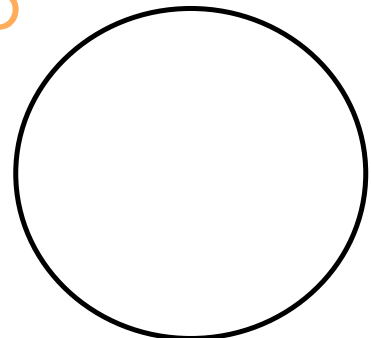
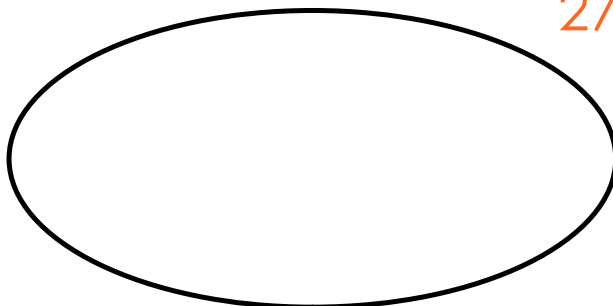
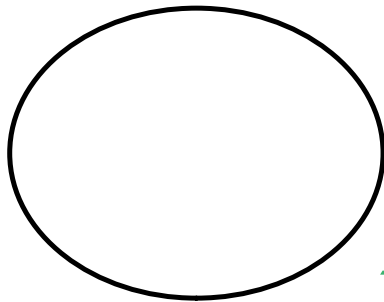
15:25

25:15

3:5

11:22

27:45



Sharing in a given ratio

Share £20 in the ratio 1: 4.

How many parts are there altogether?

How much does each person get?

Worksheet

Sharing in a given ratio (Exam style questions)

Tom, Dick and Harry earned £120 between them washing cars.

They decide to split the money in proportion to how many cars they each washed.

Tom washed 13

Dick washed 12

Harry washed 15



How much will each get?

A Father, mother and baby tiger are given food in the ratio 15:12:3

a) Simplify this ratio

b) If the mother tiger has 8kg of meat for breakfast, how much will the cub have?

c) For tea they eat 30kg of meat between them.

How much will the Father have?



Attachments

smart(ie) ratio.doc