

Proportion: Word Problems: in every, for every

1. At the football club there are 3 girls for every 5 boys

- There are 6 girls. How many boys?
- There are 15 boys. How many girls?
- There are 9 girls. How many boys?

2. To make 5 cans of purple paint, there are 2 cans of blue for every 3 cans of red.

- There are 4 cans of blue. How much red?
- There are 9 cans of red. How much blue?
- There are 10 cans of purple paint. How much red and how much blue?



3. A father lion is fed 6 kg of meat for every 2kg for its cub.

- The father lion has 12 kg. How much does the cub get?
- The cub has 6kg. How much does the father get?
- The father lion has 18kg. How much does the cub get?
- There is 24kg of meat altogether. How much does the lion get and how much does the cub get?



Use simple drawings to help you work out the answers!!!

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Extension Work:

1. Kate shares out 12 sweets.

She gives Jim 1 sweet for every 3 sweets she takes.

- How many sweets does Jim get?
- How many sweets does Kate get?

She shares out 20 sweets.

- How many sweets does Jim get?
- How many does Kate get?

2. At the gym club there are 2 boys for every 3 girls.

There are 30 children at the club.

- How many boys are there?
- How many girls are there?

There are 50 children at the club.

- How many girls are there?

There are 15 girls at the club.

- How many boys are there?

3. Dee mixes 1 tin of red paint with 2 tins of white.

She needs 9 tins of paint altogether.

- How many tins of red paint does she need?

She needs 15 tins of paint altogether.

- How many tins of white paint does she need?



4. There are 5 toffees to every 2 chocolates in a box of sweets.

There are 28 sweets.

- How many chocolates are there in the box?



There are 42 sweets.

- How many toffees are there in the box?

Use simple drawings to help you work out the answers!!!