

Ratio and Proportion

Write the correct answer:

1. Beef must be cooked for 30 minutes for every 1kg. How long would it take to cook:

2 kgs? _____

4 kgs? _____

6 kgs? _____

8 kgs? _____

2. To make 1 litre of jam, I use 100 strawberries.
How many strawberries do I need to make:

2 litres? _____ 3.5 litres? _____

3. I need to collect 30 stickers. Each bag of crisps contains 3 stickers.
How many bags will I need to buy?

4. The mother bear is fed 4 fish for every 2 fish that her cub is fed. How many fish would the cub get if the mother is fed:

10 fish? _____ 20 fish? _____

5. There are 10 boys for every 30 girls at the disco.
How many boys are there if there are:

60 girls? _____ 90 girls? _____

Ratio and Proportion

Write the correct answer:

1. Beef must be cooked for 40 minutes for every 1kg. How long would it take to cook:

2 kgs? _____

4 kgs? _____

6 kgs? _____

8 kgs? _____

2. To make $\frac{1}{2}$ litre of jam, I use 50 strawberries.
How many strawberries do I need to make:

2 litres? _____ 3 litres? _____

3. I need to collect 80 stickers. Each bag of crisps contains 4 stickers.
How many bags will I need to buy?

4. The mother bear is fed 5 fish for every 2 fish that her cub is fed. How many fish would the cub get if the mother is fed:

10 fish? _____ 20 fish? _____

5. There are 6 boys for every 9 girls at the disco.
How many boys are there if there are:

27 girls? _____ 72 girls? _____

Ratio and Proportion

Write the correct answer:

1. Beef must be cooked for 40 minutes for every 1kg. How long would it take to cook:

2 kgs? _____

5.5 kgs? _____

6.25 kgs? _____

8.75 kgs? _____

2. To make $\frac{3}{4}$ litre of jam, I use 45 strawberries.
How many strawberries do I need to make:

2 litres? _____

3.5 litres? _____

3. I need to collect 66 stickers. Each bag of crisps contains 3 stickers.
How many six-pack bags will I need to buy?

_____ How many bags will be left over? _____

4. The mother bear is fed 6 fish for every 3 fish that her cub is fed. How many fish would the cub get if the mother is fed:

18 fish? _____

26 fish? _____

5. There are 6 boys for every 9 girls at the disco.
How many boys are there if there are:

54 girls? _____

144 girls? _____

Ratio and Proportion Answers

Write the correct answer:

1. Beef must be cooked for 30 minutes for every 1kg. How long would it take to cook:

2 kgs? **60 minutes/1 hour**

4 kgs? **120 minutes/2 hours**

6 kgs? **180minutes/3 hours**

8 kgs? **240 minutes/4 hours**

2. To make 1 litre of jam, I use 100 strawberries.
How many strawberries do I need to make:

2 litres? **200 strawberries** 3.5 litres? **350 strawberries**

3. I need to collect 30 stickers. Each bag of crisps contains 3 stickers.
How many bags will I need to buy?

10 bags

4. The mother bear is fed 4 fish for every 2 fish that her cub is fed. How many fish would the cub get if the mother is fed:

10 fish? **5 fish** 20 fish? **10 fish**

5. There are 10 boys for every 30 girls at the disco.
How many boys are there if there are:

60 girls? **20 boys** 90 girls? **30 boys**

Ratio and Proportion Answers

Write the correct answer:

1. Beef must be cooked for 40 minutes for every 1kg. How long would it take to cook:

2 kgs? **80 minutes/1 hour 20minutes**

4 kgs? **160 minutes/2 hours 40 minutes**

6 kgs? **240 minutes/4 hours**

8 kgs? **320 minutes/5 hours 20 minutes**

2. To make $\frac{1}{2}$ litre of jam, I use 50 strawberries.
How many strawberries do I need to make:

2 litres? **200 strawberries** 3 litres? **300 strawberries**

3. I need to collect 80 stickers. Each bag of crisps contains 4 stickers.
How many bags will I need to buy?

20 bags

4. The mother bear is fed 5 fish for every 2 fish that her cub is fed.
How many fish would the cub get if the mother is fed:

10 fish? **4 fish** 20 fish? **8 fish**

5. There are 6 boys for every 9 girls at the disco.
How many boys are there if there are:

27 girls? **18 boys** 72 girls? **48 boys**

Ratio and Proportion Worksheet

Write the correct answer:

1. Beef must be cooked for 40 minutes for every 1kg. How long would it take to cook:

2 kgs? **80 minutes/1 hour 20 minutes**

5.5 kgs? **220 minutes/3 hours 20 minutes**

6.25 kgs? **250 minutes/4 hours 10 minutes**

8.75 kgs? **350 minutes/5 hours 50 minutes**

2. To make $\frac{3}{4}$ litre of jam, I use 45 strawberries. How many strawberries do I need to make:

2 litres? **120 strawberries** 3.5 litres? **210 strawberries**

3. I need to collect 66 stickers. Each bag of crisps contains 3 stickers. How many six-pack bags will I need to buy?

4 six-packs How many bags will be left over? **2 bags**

4. The mother bear is fed 6 fish for every 3 fish that her cub is fed. How many fish would the cub get if the mother is fed:

18 fish? **9 fish** 26 fish? **13 fish**

5. There are 6 boys for every 9 girls at the disco. How many boys are there if there are:

54 girls? **36 boys** 144 girls? **96 boys**