

# Ratio Word Problems

- ① The ratio of the height of a father to the height of his son is 3:2. If the height of the son is 116 cm, find the height of the father.

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- ② There are 20 cars in the parking area. If there are 80 wheels for the cars, what is the ratio of cars to wheels in the simplest form?

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- ③ The ratio of girls to boys in a chess club was 5:4. There were 32 boys. How many girls were there in the club?

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- ④ On Friday morning, Mary received 120 e-mails and responded to 60 of them. What is the ratio of e-mails she received to the ones she answered? Give your answer in the simplest form.

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- ⑤ A bakery offers 6 pastries for every 5 cookie packets. What is the number of pastries a person got if he bought 30 cookie packets?

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# Ratio Word Problems

## Answers

- ① The ratio of the height of a father to the height of his son is 3:2. If the height of the son is 116 cm, find the height of the father.

174 cm

- ② There are 20 cars in the parking area. If there are 80 wheels for the cars, what is the ratio of cars to wheels in the simplest form?

1:4

- ③ The ratio of girls to boys in a chess club was 5:4. There were 32 boys. How many girls were there in the club?

40 girls

- ④ On Friday morning, Mary received 120 e-mails and responded to 60 of them. What is the ratio of e-mails she received to the ones she answered? Give your answer in the simplest form.

2:1

- ⑤ A bakery offers 6 pastries for every 5 cookie packets. What is the number of pastries a person got if he bought 30 cookie packets?

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