

Multistep Ratio and Percent Word Problems

- ① An alloy contains 26% copper. What quantity of alloy is required to get 260 g of copper?

- ② There are 20% more goblins than wizards in a magic club. If there are 120 goblins, how many wizards are in the magic club?

- ③ You can complete 12 math problems in 45 minutes. How long will you require to complete 20 problems?

- ④ Christopher bought 32 apples for \$16. If he has \$4 now, how many apples more can he buy?

- ⑤ If you can buy four clocks for \$8, then how many can you buy for \$32?

- ⑥ A candle maker has made 45 orange candles today. It is 30% of all the candles she made last week. How many candles did she make last week?

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Answers

- ① An alloy contains 26% copper. What quantity of alloy is required to get 260 g of copper?

1000 g

- ② There are 20% more goblins than wizards in a magic club. If there are 120 goblins, how many wizards are in the magic club?

100

- ③ You can complete 12 math problems in 45 minutes. How long will you require to complete 20 problems?

75 minutes

- ④ Christopher bought 32 apples for \$16. If he has \$4 now, how many apples more can he buy?

8

- ⑤ If you can buy four clocks for \$8, then how many can you buy for \$32?

16

- ⑥ A candle maker has made 45 orange candles today. It is 30% of all the candles she made last week. How many candles did she make last week?

150