

Solving Word Problems Using Cross Multiplication

- 1 If 4 oranges cost \$2, how much would 20 oranges cost?

- 3 If a car can go 12 miles with 2 gallons of fuel, how far can it go with 24 gallons of fuel?

- 5 Eric can ride 5 miles in 10 minutes in his scooter. At this rate how far can he ride in 25 minutes?

- 2 A farmer counted 10 squirrels in 2 acres of forest. How many squirrels would he expect to inhabit in 20 acres of forest?

- 4 If 4 liters of sea water contain 120 grams of salt, how much salt can be found in 44 liters of sea water?

- 6 A factory can produce 20 packets of cookies in a minute. How many packets can the factory make in 10 minutes?

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Answers

- 1 If 4 oranges cost \$2, how much would 20 oranges cost?

\$10

- 2 A farmer counted 10 squirrels in 2 acres of forest. How many squirrels would he expect to inhabit in 20 acres of forest?

100

- 3 If a car can go 12 miles with 2 gallons of fuel, how far can it go with 24 gallons of fuel?

144 miles

- 4 If 4 liters of sea water contain 120 grams of salt, how much salt can be found in 44 liters of sea water?

1,320 grams

- 5 Eric can ride 5 miles in 10 minutes in his scooter. At this rate how far can he ride in 25 minutes?

12.5 miles

- 6 A factory can produce 20 packets of cookies in a minute. How many packets can the factory make in 10 minutes?

200