

Name:

Multiplication

Question 1

Sam took 45 crates of apples to market.

If there are 1250 apples in a crate, how many apples are there in total?

Question 2

Over a year, Leonie knitted 26 pullovers for charity.

If it takes an average of 22 hours per pullover, how many minutes in total did she spend knitting?

Question 3

Terry sold his collection of pottery.

If he had 23 pieces and he sold them at an average price of \$67.50, what did he make in total?

Question 4

Sarah pays \$1239 a month rent.

How much will she pay in a year?

Question 5

If there are 98L in a barrel, how many litres are in 1265 barrels?

Question 6

What is the total cost of chairs if one chair costs \$49 and there are 1756 chairs in total?

Question 7

A case of oranges cost \$12.75.

How much would it cost for 39 cases?

Question 8

Each week Josie goes to the store and buys a magazine.

If the magazine costs \$10.69, how much will she spend in a year?

Question 9

Luke buys all the stock for a restaurant.

If he spends \$1960 a week, how much will he spend in a year?

Question 10

A box of paintbrushes contains 84 brushes.

How many brushes in 2465 boxes?

Multiplication solutions

<p>Question 1 Sam took 45 crates of apples to market. If there are 1250 apples in a crate, how many apples are there in total?</p>	<p>Solution To calculate the total number of apples Sam took to market, multiply the number of crates by the number of apples in a crate.</p> $45 \times 1250 = 56,250$
<p>Question 2 Over a year, Leonie knitted 26 pullovers for charity. If it takes an average of 22 hours per pullover, how many minutes in total did she spend knitting?</p>	<p>Solution To calculate the amount of minutes Leonie spent knitting, multiply the number of pullovers she knitted by the number of minutes she spent knitting each pullover.</p> <p>(Note: there are 60 minutes in an hour). $26 \times 22 \times 60 = 34,320$</p>
<p>Question 3 Terry sold his collection of pottery. If he had 23 pieces and he sold them at an average price of \$67.50, what did he make in total?</p>	<p>Solution To calculate what Terry made in total for his pottery, multiply the price he sold each one for by the number of pieces in his collection.</p> $23 \times 67.50 = \$1552.50$
<p>Question 4 Sarah pays \$1239 a month rent. How much will she pay in a year?</p>	<p>Solution To calculate the amount that Sarah will pay in rent for a year, multiply the amount she will pay each month by the number of months in each year which is 12.</p> $12 \times \$1239 = \$14,868$
<p>Question 5 If there are 98L in a barrel, how many litres are in 1265 barrels?</p>	<p>Solution To calculate the number of litres in 1265 barrels, multiply the number litres in each barrel by the number of number of barrels.</p> $98 \times 1265 = 123,970$
<p>Question 6 What is the total cost of chairs if one chair costs \$49 and there are 1756 chairs in total?</p>	<p>Solution To calculate the total cost of the chairs, multiply the cost of one chair by the number of chairs in total.</p> $1756 \times \$49 = \$80,044$
<p>Question 7 A case of oranges cost \$12.75. How much would it cost for 39 cases?</p>	<p>Solution To calculate the total cost of the oranges, multiply the cost of one case by the number of cases.</p> $39 \times \$12.75 = \497.25
<p>Question 8 Each week Josie goes to the store and buys a magazine. If the magazine costs \$10.69, how much will she spend in a year?</p>	<p>Solution To calculate the total cost Josie will spend on magazines in a year, multiply the cost of each magazine by the number of weeks in a year which is 52.</p> $52 \times \$10.69 = \555.88
<p>Question 9 Luke buys all the stock for a restaurant. If he spends \$1960 a week, how much will he spend in a year?</p>	<p>Solution To calculate the total amount Luke will spend for the restaurant in a year, multiply the amount he will spend each week by the number of weeks in a year which is 52.</p> $52 \times \$1960 = \$101,920$
<p>Question 10 A box of paintbrushes contains 84 brushes. How many brushes in 2465 boxes?</p>	<p>Solution To calculate the total number of brushes, multiply the number of brushes in a box by the number of boxes.</p> $84 \times 2465 = 207,060$