

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><b>Question 1</b> 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><b>Solution</b> 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><b>Question 2</b> 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><b>Solution</b> 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). <math>26 \times 22 \times 60 = 34,320</math></p>
<p><b>Question 3</b> 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><b>Solution</b> 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> $23 \times 67.50 = \text{£}1552.50$
<p><b>Question 4</b> Sarah pays £1239 a month rent. How much will she pay in a year?</p>	<p><b>Solution</b> 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> $12 \times \text{£}1239 = \text{£}14,868$
<p><b>Question 5</b> If there are 98L in a barrel, how many litres are in 1265 barrels?</p>	<p><b>Solution</b> 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><b>Question 6</b> What is the total cost of chairs if one chair costs £49 and there are 1756 chairs in total?</p>	<p><b>Solution</b> To calculate the total cost of the chairs, multiply the cost of one chair by the number of chairs in total.</p> $1756 \times \text{£}49 = \text{£}80,044$
<p><b>Question 7</b> A case of oranges cost £12.75. How much would it cost for 39 cases?</p>	<p><b>Solution</b> To calculate the total cost of the oranges, multiply the cost of one case by the number of cases.</p> $39 \times \text{£}12.75 = \text{£}497.25$
<p><b>Question 8</b> 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><b>Solution</b> 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> $52 \times \text{£}10.69 = \text{£}555.88$
<p><b>Question 9</b> Luke buys all the stock for a restaurant. If he spends £1960 a week, how much will he spend in a year?</p>	<p><b>Solution</b> 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> $52 \times \text{£}1960 = \text{£}101,920$
<p><b>Question 10</b> A box of paintbrushes contains 84 brushes. How many brushes in 2465 boxes?</p>	<p><b>Solution</b> To calculate the total number of brushes, multiply the number of brushes in a box by the number of boxes.</p> $84 \times 2465 = 207,060$