

Name:

Multiplying by 2 digit numbers

Question 1

*A factory makes 256 engines a day.
How many engines will it make in 28 days?*

Question 2

*A stadium has 32 sections of 1256 seats.
What is the seating capacity of the stadium?*

Question 3

*Michael finally paid off his loan for his house.
There were 120 monthly payments of £696.
What was the total amount he paid?*

Question 4

*Conner purchased all the golf balls for the tournament.
There were 62 boxes of 16 balls.
How many balls in total were there?*

Question 5

*Calculate the area of a rectangular park.
It measures 86m x 128m.*

Question 6

*Sommer purchased 18 washing machines for a hotel.
If each machine cost £270 , what was their total cost?*

Question 7

*Bill drives a taxi.
He fills it up twice a day with 63L of petrol.
How much petrol does Bill use in February? (28 days)*

Question 8

*Jamie's orange grove has 78 rows of trees.
If there are 69 trees in each row, how many trees in total has Jamie got?*

Question 9

*It cost £103.45 for each student's uniform.
If there are 123 students, what is total cost of the uniforms?*

Question 10

*Janice is the purchasing officer for a big company.
She bought 157 pairs of jeans at £26.55 each.
What was the total cost or the jeans?*

Multiplying by 2 digit numbers solutions

| | |
|---|--|
| <p>Question 1 A factory makes 256 engines a day. How many engines will it make in 28 days?</p> | <p>Solution To calculate how many engines are made, multiply the number of engines the factory makes each day by the number of days. $256 \times 28 = 7168$</p> |
| <p>Question 2 A stadium has 32 sections of 1256 seats. What is the seating capacity of the stadium?</p> | <p>Solution To calculate the seating capacity, multiply the number of seats in one section by the number of sections. $32 \times 1256 = 40,192$</p> |
| <p>Question 3 Michael finally paid off his loan for his house. There were 120 monthly payments of £696. What was the total amount he paid?</p> | <p>Solution To calculate the total amount Michael paid, multiply the number of monthly payments by the amount of each payment. $120 \times 696 = \text{£}83,520$</p> |
| <p>Question 4 Conner purchased all the golf balls for the tournament. There were 62 boxes of 16 balls. How many balls in total were there?</p> | <p>Solution To calculate number of golf balls Conner purchased, multiply the number of boxes he purchased by the number of balls in each box. $62 \times 16 = 992$</p> |
| <p>Question 5 Calculate the area of a rectangular park. It measures 86m x 128m.</p> | <p>Solution To calculate the area of a rectangular park, multiply its length by its breadth. $86 \times 128 = 11,008\text{m}^2$</p> |
| <p>Question 6 Sommer purchased 18 washing machines for a hotel. If each machine cost £270 what was their total cost?</p> | <p>Solution To calculate the total cost of the washing machines that Sommer purchased, multiply the number of washing machines by the cost of each machine. $18 \times \text{£}270 = \text{£}4860$</p> |
| <p>Question 7 Bill drives a taxi. He fills it up twice a day with 63L of petrol. How much petrol does Bill use in February? (28 days)</p> | <p>Solution To calculate the amount of petrol Bill uses, multiply the amount of petrol by 28 days times 2. $63 \times 28 \times 2 = 3528\text{L}$</p> |
| <p>Question 8 Jamie's orange grove has 78 rows of trees. If there are 69 trees in each row, how many trees in total has Jamie got?</p> | <p>Solution To calculate the total amount of trees in Jamie's orange grove, multiply the number of trees in each row by the number of rows. $69 \times 78 = 5382$</p> |
| <p>Question 9 It cost £103.45 for each student's uniform. If there are 123 students, what is total cost of the uniforms?</p> | <p>Solution To calculate the total cost of the uniforms, multiply the cost of one uniform by the number of students. $\text{£}103.45 \times 123 = \text{£}12,724.35$</p> |
| <p>Question 10 Janice is the purchasing officer for a big company. She bought 157 pairs of jeans at £26.55 each. What was the total cost of the jeans?</p> | <p>Solution To calculate the total cost of the jeans Janice purchased, multiply the cost of each pair of jeans by the number of pairs of jeans that she purchased. $\text{£}26.55 \times 157 = \text{£}4168.35$</p> |