

Name:

9x tables

Question 1

Each truck in the fleet needs 9 new wheels.  
If there are 8 trucks in the fleet, how many new wheels are needed?

Question 2

On the plantation the trees are planted in rows of 9.  
How many trees in 11 rows?

Question 3

There are 9 cookies in each packet.  
Mrs Johnston bought 3 packets giving her the exact number of cookies to give one to each of her students. How many students in Mrs Johnston's class?

Question 4

Liz bought 2 scarves.  
Each scarf cost \$9.  
How much did Liz spend on the scarves?

Question 5

There are 9 offices in each of the 8 stories of the building.  
What is the total number of offices in the building?

Question 6

On a dairy farm, each cow produced 9 L of milk.  
What is the total amount of milk produced by the 12 cows on the farm?

Question 7

Beth placed 9 teaspoons of sugar in each of 6 bowls.  
How many teaspoons of sugar is that altogether?

Question 8

Each section of the fence has 9 palings.  
Kim needs to paint 5 sections of the fence.  
How many palings does Kim need to paint?

Question 9

Three 9 m planks placed end to end are the same height as the building.  
What's the height of the building?

Question 10

For their performance the dancers received a score of 9/10 from each of 8 judges.  
What is their total score out of 80?

## 9x tables solutions

### Question 1

Each truck in the fleet needs 9 new wheels.  
If there are 8 trucks in the fleet, how many new wheels are needed?

### Solution

To calculate how many new wheels are needed, multiply the number of new wheels that are needed for each truck by the number of trucks.

$$8 \times 9 = 72$$

### Question 2

On the plantation the trees are planted in rows of 9.  
How many trees in 11 rows?

### Solution

To calculate the total number of trees, multiply the number of trees in each row by the number of rows.

$$11 \times 9 = 99$$

### Question 3

There are 9 cookies in each packet.  
Mrs Johnston bought 3 packets giving her the exact number of cookies to give one to each of her students.  
How many students in Mrs Johnston's class?

### Solution

To calculate the total number of students in Mrs Johnston's class, multiply the number of cookies in each packet by the number of packets she bought.

$$3 \times 9 = 27$$

### Question 4

Liz bought 2 scarves.  
Each scarf cost \$9.  
How much did Liz spend on the scarves?

### Solution

To calculate the amount Liz spent on scarves, multiply the number of scarves she bought by the amount each scarf cost.

$$2 \times \$9 = \$18$$

### Question 5

There are 9 offices in each of the 8 stories of the building.  
What is the total number of offices in the building?

### Solution

To calculate the number of offices in the building, multiply the number of offices in each story by the number the number of stories.

$$8 \times 9 = 72$$

### Question 6

On a dairy farm, each cow produced 9L of milk.  
What is the total amount of milk produced by the 12 cows on the farm?

### Solution

To calculate the total amount of milk produced, multiply the amount of milk produced by one cow by the number of cows on the farm.

$$12 \times 9 = 108$$

### Question 7

Beth placed 9 teaspoons of sugar in each of 6 bowls.  
How many teaspoons of sugar is that altogether?

### Solution

To calculate the total number of teaspoons of sugar, multiply the number of teaspoons of sugar in each bowl by the number of bowls.

$$6 \times 9 = 54$$

### Question 8

Each section of the fence has 9 palings.  
Kim needs to paint 5 sections of the fence.  
How many palings does Kim need to paint?

### Solution

To calculate the number of palings that Kim has to paint, multiply the number of palings in a section by the number of sections left for Kim to paint.

$$5 \times 9 = 45$$

### Question 9

Three 9 m planks placed end to end are the same height as the building.  
What's the height of the building?

### Solution

To calculate the height of the building, multiply the height of each plank by the number of planks.

$$3 \times 9 = 27$$

### Question 10

For their performance the dancers received a score of 9/10 from each of 8 judges.  
What is their total score out of 80?

### Solution

To calculate the total score of the dancers out of 80, multiply the score out of ten by the number of judges.

$$8 \times 9 = 72$$