3 Times Table Maths Mastery Mat **Answers**

How many squares of chocolate are there?
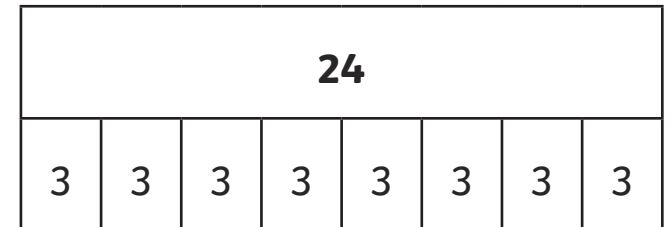
| **18** squares |

Explain the mistake in the statement below.

There are 3 equal groups with 4 in each group.

The number of equal groups has been confused with the value of each equal group. It should say, 'There are 4 equal groups with 3 in each group.'

Complete the bar model.

24							
3	3	3	3	3	3	3	3

Complete these calculations.

$3 \times 9 = \boxed{27}$ $0 \times 3 = \boxed{0}$

$36 \div \boxed{12} = 12$ $3 = \boxed{6} \div 2$

Solve this problem.

If one triangle has three vertices, how many vertices would 11 triangles have in total?

| **33** vertices |

Circle the numbers that are **not** multiples of 3.

60   ⑪   21

6

④

㉓   15

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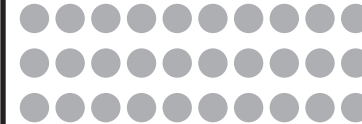|		
Complete the calculations.	**True** or **false**?	Circle the calculations that are represented by this array.

Complete the calculations.

$3 \times 3 = \boxed{9}$ $\qquad$ $3 \times 30 = \boxed{90}$

$\boxed{30} \times 3 = 90$ $\quad$ $3 \times \boxed{300} = 900$

True or **false**?

False. Some multiples of 3 are odd and some are not. If you are multiplying three by an odd number, the product will be odd, but if you multiply 3 by an even number, the product will be even.

Circle the calculations that are represented by this array.

$9 \times 3 = 27$

$\boxed{30 \div 3 = 10}$

$\boxed{3 \times 10 = 30}$

$9 = 27 \div 3$

What is the mass of one banana?

$\boxed{7}$ g

Solve this problem.

There are 3 donuts in a bag.

How many donuts are there in 5 bags?

$\boxed{\textbf{15} \text{ donuts}}$

Guess the number.

My number is a 2-digit number.

It is multiple of 3 and a multiple of 4.

It has 6 ones.

The digit total is 9.

$\boxed{36}$