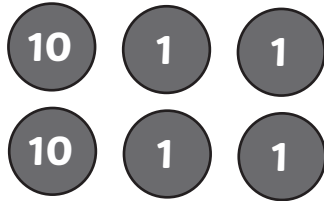


# 12 Times Table Maths Mastery Mat **Answers**

Complete the calculations.



$$\boxed{12} \times \boxed{2} = \boxed{24}$$

$$\boxed{2} \times \boxed{12} = \boxed{24}$$

Explain how knowing 10 times and 2 times tables facts can help you work out 12 times table facts.

**12 equal groups is the same as having 10 equal groups add 2 equal groups. So the multiplication  $12 \times 4$  can be split into  $(10 \times 4) + (2 \times 4)$**

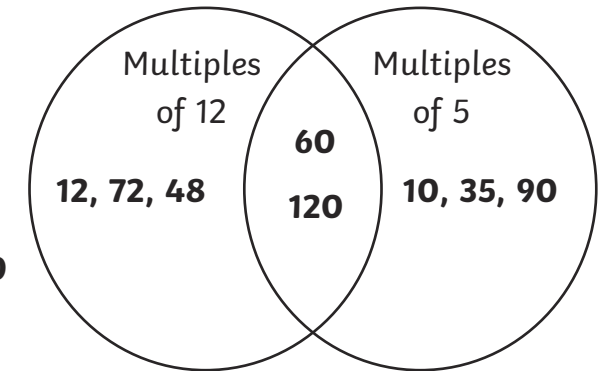
$12 \times 4 = 48$  which is the same as

$10 \times 4 = 40$  add  $2 \times 4 = 8$

$40 + 8 = 48$

Sort the numbers and put them in the correct place on the Venn diagram.

12  
10  
60  
72  
35  
120  
90  
48



It takes the bus 12 minutes to travel between each stop on its route.

How many stops will it have made after 2 hours?

**10 stops**

Write a fact family using 11, 132 and 12.

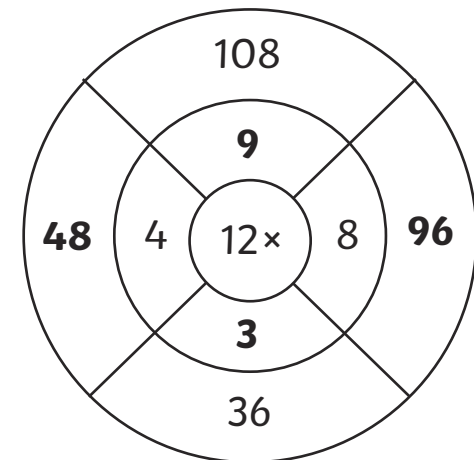
$$\boxed{11} \times \boxed{12} = \boxed{132}$$

$$\boxed{12} \times \boxed{11} = \boxed{132}$$

$$\boxed{132} \div \boxed{12} = \boxed{11}$$

$$\boxed{132} \div \boxed{11} = \boxed{12}$$

Complete the multiplication wheel.



# 12 Times Table Maths Mastery Mat **Answers**

Solve these 12 times calculations.

I = 1   V = 5   X = 10   L = 50

$$\text{XII} \times \text{V} = \boxed{60}$$

$$\text{IX} \times \text{XII} = \boxed{108}$$

$$\text{LXXXIV} \div \text{XII} = \boxed{7}$$

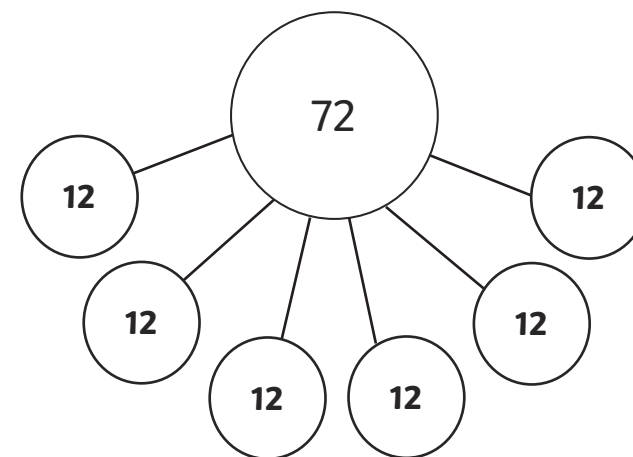
Maria needs 108 balloons to make decorations for the party.

They are sold in bags of 12.

How many bags does she need to buy?

**9** bags

Complete the part-whole model.



There are two boxes of pea seeds.

Each box contains 6 packs of seeds and in each pack there are 12 seeds.

How many seeds are there altogether?

**144** seeds

Fill in the missing boxes.

$$960 \div \boxed{80} = 12$$

$$\boxed{12} \times 80 = 960$$

$$\boxed{9600} = 120 \times 80$$

Match the calculations that are equal.

$$12 \times 2 \text{ ————— } (10 \times 2) + (2 \times 2)$$

