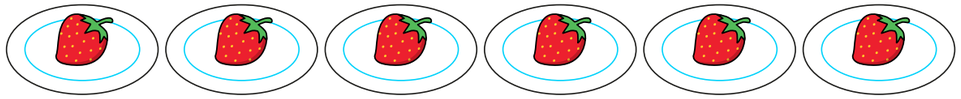
Multiply by 1 and 0

1 Write a multiplication to work out the total number of strawberries.



□ × □ = □

2

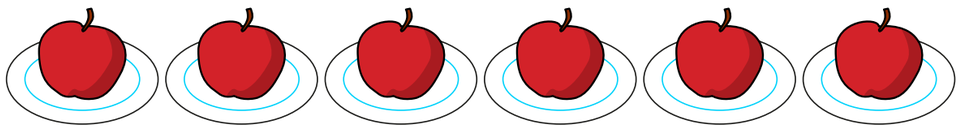
a) How many flowers are in each vase? □

b) How many flowers are there in total?

Complete the multiplication.

□ × □ = □

3 Circle the multiplication that works out the number of apples.



6 × 0 **6 × 1** **6 × 2**

4 How many marbles are there in total?

□ × □ = □

5 Complete the calculations.

a) 3 × 1 = □

b) 1 × 3 = □

c) 7 × 1 = □

d) 7 × □ = 0

e) 1 × □ = 4

f) 1 × □ = 14

g) 12 × □ = 0

h) 1 × □ = 31

6 What could the missing number be?

0 × □ = 0

Explain how you know.

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7 **a)** Circle all the calculations that have an answer of zero.

39 × 1 **95 × 0** **178 × 0**

4 × 1 **0 × 16**

8 × 0 **42 × 1**

0 × 0

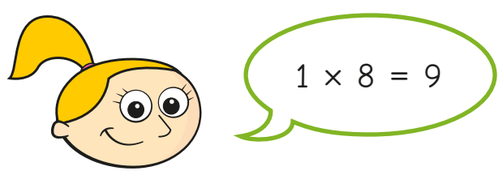
b) How did you work out which calculations to circle?

_____

_____

8 Eva and Mo are working out some multiplication problems.

a)

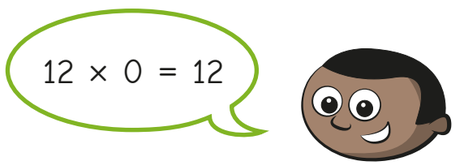


What mistake has Eva made?

_____

_____

b)



What mistake has Mo made?

_____

_____

Talk about your answers with a partner.

9 Work out the multiplications.

a) 2 × 1 = ☐

1 × 4 = ☐

2 × 4 × 1 = ☐

b) 8 × 1 = ☐

8 × 1 × 2 = ☐

8 × 1 × 3 = ☐

What pattern do you notice in each part?

Talk about it with a partner.

c) What multiplication will come next in part b)?

☐ × ☐ × ☐ = ☐

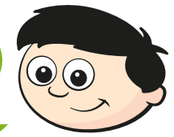
10 Jo and Dexter have six digit cards.

They multiply all the digits together.

3	4	0	9	1	2

Jo: I multiplied the numbers from left to right.

Dexter: I knew the answer without multiplying the numbers one by one.



What could Dexter's method be?

Talk about it with a partner.

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