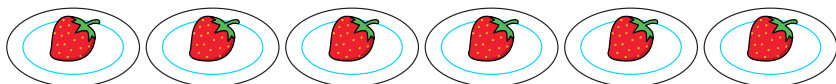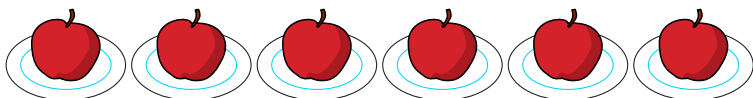**1** Write a multiplication to work out the total number of strawberries.

2

a) How many flowers are in each vase?

b) How many flowers are there in total?

Write the multiplication.

3 Which multiplication 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 = ☐   d) 7 × ☐ = 0   g) 12 × ☐ = 0

b) 1 × 3 = ☐   e) 1 × ☐ = 4   h) 1 × ☐ = 31

c) 7 × 1 = ☐   f) 1 × ☐ = 14

6 What could the missing number be?

0 × ☐ = 0

Explain how you know.

7 a) Which of the calculations have an answer of zero?

39 × 1   **95 × 0**   **178 × 0**

4 × 1   **0 × 16**

8 × 0   **42 × 1**

0 × 0
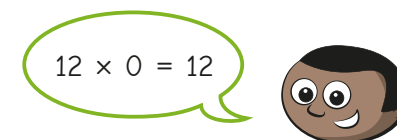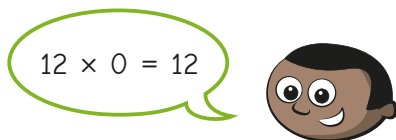
b) How did you decide?

8 Eva and Mo are working out some multiplication problems.

a)

1 × 8 = 9

What mistake has Eva made?

b)

12 × 0 = 12

What mistake has Mo made?

Talk about your answers with a partner.

6 What could the missing number be?

$0 \times \boxed{} = 0$

Explain how you know.

7 **a)** Which of the calculations 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 decide?

8 Eva and Mo are working out some multiplication problems.

a)

$1 \times 8 = 9$

What mistake has Eva made?

b)

$12 \times 0 = 12$

What mistake has Mo made?

Talk about your answers with a partner.

9 Work out the multiplications.

a) 2×1 **b)** 8×1

1×4 $8 \times 1 \times 2$

$2 \times 4 \times 1$ $8 \times 1 \times 3$

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 |

I multiplied the numbers from left to right.

Jo

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

Dexter

What could Dexter's method be?

Talk about it with a partner.