Multiply by 1 and 0

1 Write a multiplication to work out the total number of strawberries.
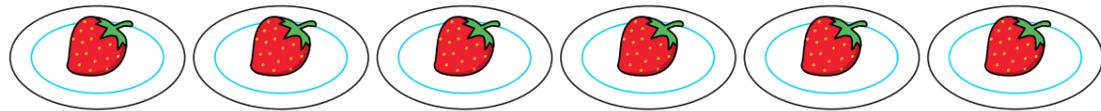
$\boxed{6} \times \boxed{1} = \boxed{6}$

2
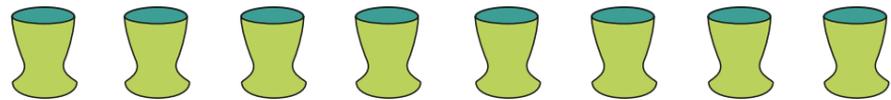
a) How many flowers are in each vase? $\boxed{0}$

b) How many flowers are there in total?

Complete the calculation.

$\boxed{8} \times \boxed{0} = \boxed{0}$

3 Circle the calculation that works out the number of apples.
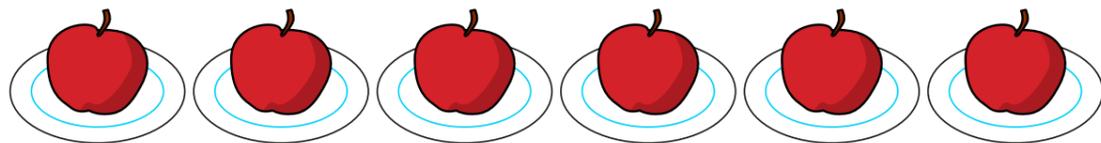
6 × 0   (6 × 1)   6 × 2

4 How many marbles are there in total?

$\boxed{1} \times \boxed{8} = \boxed{8}$

5 Complete the calculations.

a) 3 × 1 = $\boxed{3}$

b) 1 × 3 = $\boxed{3}$

c) 7 × 1 = $\boxed{7}$

d) 7 × $\boxed{0}$ = 0

e) 1 × $\boxed{4}$ = 4

f) 1 × $\boxed{14}$ = 14

g) 12 × $\boxed{0}$ = 0

i) 1 × $\boxed{31}$ = 31

6 What could the missing number be?

0 × $\boxed{}$ = 0

Explain how you know.

Anything. Any number multiplied by 0 is equal to 0

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

39 × 1

(95 × 0)   (178 × 0)

4 × 1   (0 × 16)

(8 × 0)

(0 × 0)   42 × 1

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

There was a 0 in the calculation.

8 Eva and Mo are working out some multiplication problems.

a)

1 × 8 = 9

What mistake has Eva made?

She has added 1 and 8

b)

12 × 0 = 12
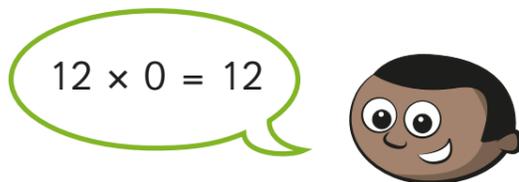
What mistake has Mo made?

He has multiplied 12 by 1 not 0

Talk about your answers with a partner.

9 Work out these multiplications.

a) 2 × 1 = 2   **b)** 8 × 1 = 8

1 × 4 = 4   8 × 1 × 2 = 16

2 × 4 × 1 = 8   8 × 1 × 3 = 24

What pattern do you notice in each part?

Talk about it with a partner.

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

8 × 1 × 4 = 32

10 Eva and Dexter have 6 digit cards.

They multiply them all together.

| 3 | 4 | 0 | 9 | 1 | 2 |
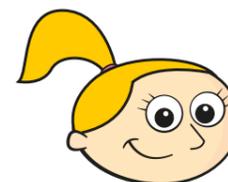
I multiplied the numbers from left to right.
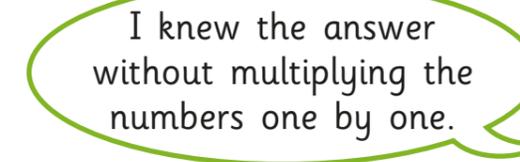
I knew the answer without multiplying the numbers one by one.

What could Dexter's method be?

Talk about it with a partner.