**Number, Fraction and Money Unit 2**

**Problem solving and reasoning questions**

Write the missing numbers in each sequence.

21/4 21/2 23/4

41/2 41/4 4

1/3 2/3 1

Find 1/4 of each quantity:

1. 24 stickers
2. 16 pennies
3. 28 crisps

Use your answers to find 3/4 of each quantity.

True or false?

* 1/3 of 12p is the same as 1/2 of 8p
* 1/3 of 24p is the same as 1/2 of 16p
* 1/4 of 28p is the same as 3/4 of 16p

**Number, Fraction and Money Unit 2**

**Problem solving and reasoning: Answers**

Write the missing numbers in each sequence.

21/4 21/2 23/4 3 31/4 31/2

41/2 41/4 4 33/4 31/2 31/4

1/3 2/3 1 11/3 12/3 2

Find 1/4 of each quantity:

(a) 24 stickers 6

(b) 16 pennies 4

(c) 28 crisps 7

Use your answers to find 3/4 of each quantity.

18, 12, 21 respectively. Either by finding 3 times the first number or subtracting 1/4 from the original quantity.

True or false?

* 1/3 of 12p is the same as 1/2 of 8p True – both equal 4p.
* 1/3 of 24p is the same as 1/2 of 16p True – both equal 8p.
* 1/4 of 28p is the same as 3/4 of 16p False, they equal 7p and 12p respectively.