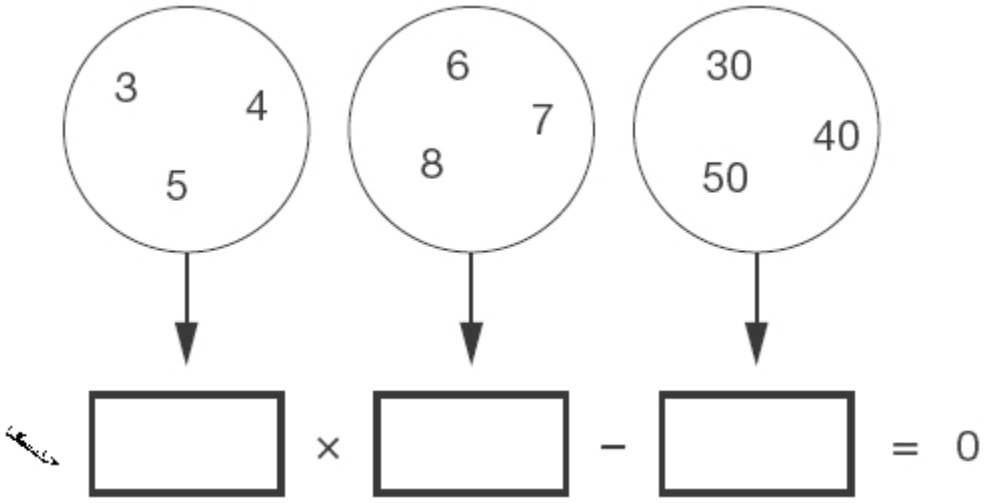
1 Write one number from each circle to make this calculation correct.



1 mark

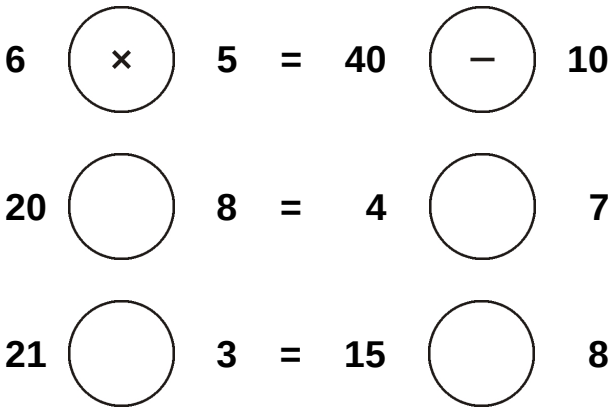
2 16 ÷ 1 =

1 mark

3 The signs are missing from these number sentences.

Write in the missing signs, + − × or ÷

The first has been done for you.



2 marks

4 Write the missing numbers.

Factors of 20 = {1, ..., ..., ..., ..., 20}

1 mark

5 Here are four number cards.

Which two number cards are **factors of 42**?

☐ and ☐

1 mark

6 Write in the missing digit.

$$\begin{array}{r} 5\square \\ \times \quad 8 \\ \hline 456 \end{array}$$

1 mark

7 In the circle write **+, –, ×,** or ÷ to make the calculation correct.

18 ◯ 3 × 5 = 30

1 mark

8 12 × 5 × 6 =

☐

1 mark

9 4 pineapples cost £3.40

Calculate the cost of **1** pineapple.

p

1 mark

10 Calculate **634 × 6**

1 mark

11 Write what the **three missing** digits could be.

		×	3	=	8	

1 mark

12 Josh thinks of a number.

He adds 4

He multiplies his result by 3

Then he takes away 9

His final answer is 90

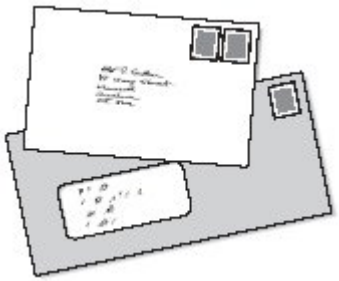
What number did Josh start with?

1 mark

13 Calculate **453 × 8**

1 mark

14 Two letters have a total weight of **120 grams**



One letter weighs **twice as much** as the other.

Write the weight of the **heavier** letter.

g

1 mark

15 Write all the factors of 30 which are **also** factors of 20

.....

2 marks

16 Dev has a bag of 50p coins and Holly has a bag of 20p coins.

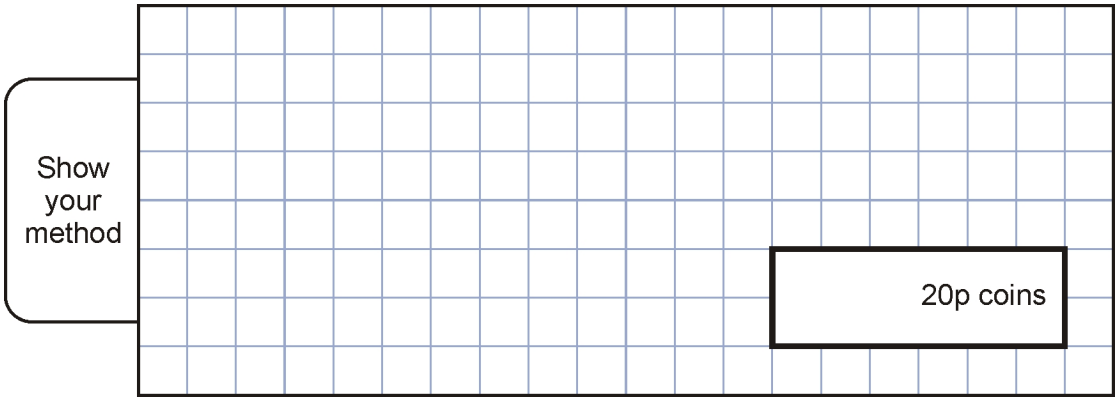
Dev's bag

Holly's bag

Both bags have the same amount of money in.

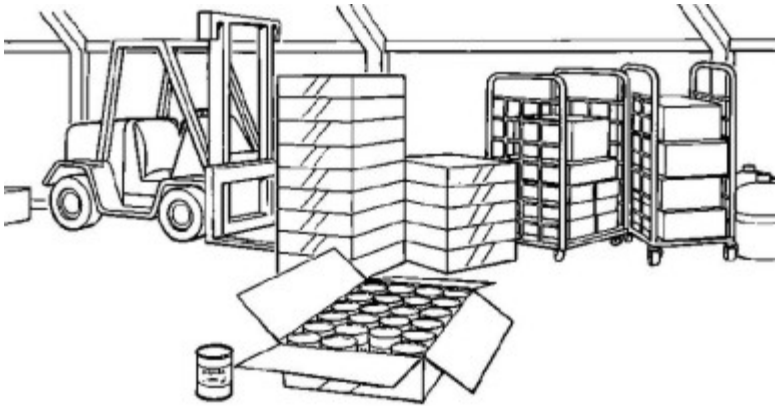
There are **thirty** 50p coins in Dev's bag.

How many 20p coins are there in Holly's bag?



2 marks

17



In a supermarket storeroom there are

7 boxes of tomato soup

5 boxes of pea soup

4 boxes of chicken soup

There are **24 tins** in every **box**.

How many **tins** of soup are there **altogether**?

Show your method

2 marks

Mark schemes

1 | 5 | × | 6 | – | 30 |

OR

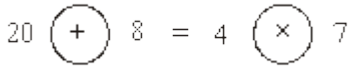
| 5 | × | 8 | – | 40 |

[1]

2 16

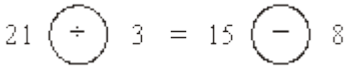
[1]

3 (a)



1

(b)



1

[2]

4 2, 4, 5, 10

*All correct, in any order for **1 mark**.*

[1]

5 Cards completed as shown:

| 3 | and | 7 |

Accept answers in either order.

[1]

6

$$\begin{array}{r} 5\boxed{7} \\ \times\ 8 \\ \hline 456 \end{array}$$

Accept 7 wherever it is written provided the intention is clear.

[1]

7 18 ÷ 3 × 5 = 30

[1]

8 360

[1]

9 85

*Accept £0.85p **OR** £0 85p*

***Do not** accept 0.85p **OR** £85p*

[1]

10 3804

[1]

11 27 x 3 = 81

OR 28 x 3 = 84

OR 29 x 3 = 87

All boxes must be correct.

[1]

12 29

[1]

13 3624

[1]

14 80

[1]

15 Award **TWO** marks for all four factors, as shown:

1, 2, 5, 10

If the answer is incorrect, award **ONE** mark for:

- three factors correct and none incorrect

OR

- four factors correct and one incorrect.

Accept factors written in any order.

*All four factors and no incorrect numbers must be given for the award of **TWO** marks.*

Up to 2

[2]

16 Award **TWO** marks for the correct answer of 75

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, eg:

- 30 × 50 = 1500
  1500 ÷ 20

OR

- 30 × 50p = £15
  5 20p coins make £1
  5 × 15

OR

- 50p ÷ 20p = 2.5
  30 × 2.5

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2

[2]

17 Award **TWO** marks for the correct answer of 384

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, eg

7 + 5 + 4 = 16

16 × 24

OR

7 × 24

5 × 24

+ 4 × 24

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2

[2]