FOUNDATION

1.1 Addition and Subtraction: 30-minute Pack

Total Marks

EDEXCEL 1MA1 · Calculator allowed · about 30 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Work out 15 - 6.35.

(Total for Question 1 is 2 marks)

2 A bag of potatoes weighs 4.2 kg. A bag of onions weighs 1.85 kg less than the bag of potatoes.
Work out the weight of the bag of onions.

(Total for Question 2 is 2 marks)

3 The temperature in London was 3°C. The temperature in Moscow was 17°C lower than in London.
Work out the temperature in Moscow.

(Total for Question 3 is 2 marks)

4 Work out 68 - 23.

(Total for Question 4 is 1 mark)

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5 Two numbers add together to make 100. One of the numbers is 37.
Work out the other number.

(Total for Question 5 is 1 mark)

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6 Sofia buys 3 items costing £0.50, £3.10 and £0.99. Sofia pays with a £20 note. Work out how much change Sofia should get.

(Total for Question 6 is 3 marks)

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7 There are 43 people on a train carriage. At the next stop 18 people get off and 14 people get on. How many people are on the train carriage now?

(Total for Question 7 is 2 marks)

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8 The population of Dunmore is 68,528. The population of a smaller town nearby is 59,207.

(a) Work out the difference between the two populations. **(2)**

(b) Work out the total population of the two towns. **(2)**

(Total for Question 8 is 4 marks)

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9 A charity shop's takings were recorded over three days.
Monday: £215.
Tuesday: £68 less than Monday.
Wednesday: £47 more than Tuesday.
Work out Wednesday's takings.

(Total for Question 9 is 2 marks)

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10 Show that 267 + 358 = 625.

(Total for Question 10 is 2 marks)

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11 Find the missing number.
46.3 + ___ = 102.7

(Total for Question 11 is 1 mark)

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12 Find the value of x.
x - 6,452 = 2,388

(Total for Question 12 is 2 marks)

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Mark scheme · 1.1 Addition and Subtraction: 30-minute Pack

A correct answer earns full marks unless the question asks for working, a method, proof or explanation.

Question 1

correct method shown, e.g. 15.00 - 6.35 (oe)	**M1**
8.65 cao	**A1**

Answer: 8.65

Question 2

4.2 - 1.85 (oe)	**M1**
2.35 (kg) cao	**A1**

Answer: 2.35 kg

Question 3

3 - 17 (oe)	**M1**
-14 (°C) cao	**A1**

Answer: -14°C

Question 4

45 cao	**B1**

Answer: 45

Question 5

63 cao	**B1**

Answer: 63

Question 6

adds the costs	**M1**
subtracts total from 2000p or £20	**M1**
£15.41 cao	**A1**

Answer: £15.41

Question 7

43 - 18 or 43 + 14 seen	**M1**
39 cao	**A1**

Answer: 39

Question 8

(a) 68,528 - 59,207	**M1**
(a) 9,321 cao	**A1**

(a) Answer: 9,321

(b) 68,528 + 59,207	**M1**
(b) 127,735 cao	**A1**

(b) Answer: 127,735

Question 9

215 - 68 (= 147) to find Tuesday's takings (oe)	**M1**
194 (pounds) cao	**A1**

Answer: £194

Question 10

correct column method shown with at least one carry made, e.g. units 7+8=15 (oe)	**M1**
fully correct working shown leading to 625, cso	**C1**

Answer: 625 (shown)

Question 11

56.4 cao	**B1**

Answer: 56.4

Question 12

add 6,452 to both sides or equivalent method shown	**M1**
8840 cao	**A1**

Answer: 8,840

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