



1.1D Addition and Subtraction: Fluency and Exam Drill

EDEXCEL Edexcel 1MA1 · Calculator allowed · about 50 minutes

Total Marks

Name: _____ Date: ____ / ____ / ____

Answer ALL questions. Show all your working.

1 Work out $72 + 59$.

(Total for Question 1 is 1 mark)

2 Work out $805 - 297$.

(Total for Question 2 is 2 marks)

3 Find the missing number.
 $46.3 + \underline{\quad} = 102.7$

(Total for Question 3 is 1 mark)

4 Work out $3,604 + 7,589$.

(Total for Question 4 is 2 marks)

5 Work out $9,000 - 4,567$.

(Total for Question 5 is 2 marks)

6 Work out $12.75 + 4.86$.

(Total for Question 6 is 2 marks)

7 Work out $250 + 375 + 125$.

(Total for Question 7 is 2 marks)

8 A shop sold 238 tickets in the morning and 197 tickets in the afternoon. How many tickets did the shop sell in total?

(Total for Question 8 is 1 mark)

9 Work out $6,875 + 9,248 + 3,902$.

(Total for Question 9 is 3 marks)

10 Work out $12,403 - 8,979$.

(Total for Question 10 is 3 marks)

11 Priya has £27.45. She buys a notebook for £12.99 and a scarf for £7.60.

(a) Work out the total cost of the two items.

(b) Work out how much change Priya receives from £27.45.

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(2)

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(2)

(Total for Question 11 is 4 marks)

12 Find the missing value.

$$15,000 + \underline{\hspace{1cm}} = 23,847$$

(Total for Question 12 is 2 marks)

13 Work out $4,206 - 3,789$.

(Total for Question 13 is 3 marks)

14 Find the value of x .

$$x - 6,452 = 2,388$$

(Total for Question 14 is 2 marks)

15 Work out $0.95 + 3.07 + 5.48$.

(Total for Question 15 is 2 marks)

16 Sera adds $4,389 + 2,176$ and gets 6,545. Use the inverse to check whether her answer is correct. Carry out the check and state whether she is correct.

(Total for Question 16 is 2 marks)

17 A theatre has 1,250 seats. The afternoon show sold 732 tickets. The evening show sold 489 more tickets than the afternoon show. How many empty seats were there at the evening show?

(Total for Question 17 is 3 marks)

18 Work out $18,605 - 9,897 + 4,203$.

(Total for Question 18 is 2 marks)

19 Work out $1,000 + 999$.

(Total for Question 19 is 1 mark)

Mark scheme · 1.1D Addition and Subtraction: Fluency and Exam Drill

Question 1

- **B1** 131 cao
- **Answer: 131 (one hundred and thirty-one). Please give answer as 131 in numeric form.**

Question 2

- **M1** correct column subtraction method shown, with at least one correct borrow or equivalent method
- **A1** 508 cao
- **Answer: 508**

Question 3

- **B1** 56.4 cao
- **Answer: 56.4**

Question 4

- **M1** correct column addition method shown, with at least one correct carry
- **A1** 11193 cao
- **Answer: 11,193**

Question 5

- **M1** correct column subtraction or decomposition method shown, including at least one borrowing
- **A1** 4433 cao
- **Answer: 4,433**

Question 6

- **M1** correct column addition with decimal places aligned or equivalent method
- **A1** 17.61 cao
- **Answer: 17.61**

Question 7

- **M1** a correct method shown to add three numbers, e.g. $(250 + 375) + 125$ or column addition
- **A1** 750 cao
- **Answer: 750**

Question 8

- **B1** 435 cao
- **Answer: 435**

Question 9

- **M1** correct addition of two numbers shown (eg $6,875 + 9,248 = 16,123$) or equivalent working
- **M1** correct addition of the third number to previous total (eg $16,123 + 3,902$) or equivalent
- **A1** 20025 cao
- **Answer: 20,025**

Question 10

- **M1** correct column subtraction set up
- **M1** correct borrowing/decomposition shown for at least one column
- **A1** 3424 cao
- **Answer: 3,424**

Question 11

- (a) **M1** correct addition of 12.99 and 7.60 or equivalent
- (a) **A1** 20.59 cao
- **(a) Answer: £20.59**
- (b) **M1** correct subtraction 27.45 - 20.59 or equivalent method
- (b) **A1** 6.86 cao
- **(b) Answer: £6.86**

Question 12

- **M1** correct subtraction 23,847 - 15,000 or equivalent method
- **A1** 8847 cao
- **Answer: 8,847**

Question 13

- **M1** correct column subtraction set up
- **M1** borrowing/decomposition shown for at least one column
- **A1** 417 cao
- **Answer: 417**

Question 14

- **M1** add 6,452 to both sides or equivalent method shown
- **A1** 8840 cao
- **Answer: 8,840**

Question 15

- **M1** correct addition of decimal numbers with alignment or equivalent method
- **A1** 9.50 cao
- **Answer: 9.50**

Question 16

- **M1** correct inverse subtraction shown, $6545 - 4389 = 2156$
- **A1** conclusion that Sera's answer is incorrect because $2156 \neq 2176$
- **Answer: $6545 - 4389 = 2,156$ so the answer is incorrect (correct sum is 6,565).**

Question 17

- **M1** calculate evening tickets sold correctly, e.g. $732 + 489 = 1221$
- **M1** set up subtraction to find empty seats $1250 - 1221$ or equivalent
- **A1** 29 cao
- **Answer: 29**

Question 18

- **M1** correct method shown, performing subtraction and addition in a correct order
- **A1** 12911 cao
- **Answer: 12,911**

Question 19

- **B1** 1999 cao
- **Answer: 1,999**