2.2 Addition and Subtraction: Written Methods: 1-hour Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Sofia had 2,300 ml of orange squash. She poured 675 ml into bottles and later drank 125 ml. How much orange squash does she have left? Show your working.

(2)

---

2 Ravi has 5 boxes with 415 stickers in each box and 3,555 loose stickers.

How many stickers does Ravi have altogether?

Answer: ___

(2)

---

3 6200 - 3294 =

Answer: ___

(1)

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4 A festival had 6,488 visitors on Saturday and 1,587 visitors on Sunday.

How many more visitors came on the busier day?

Answer: ___

(2)

---

5 Olu has 7,119 coins. Olu puts 4,079 aside and shares the rest equally between 8 friends.

How many coins does each friend get?

Answer: ___

(2)

---

6 9715 + 4658 =

Answer: ___

(1)

---

7 Olu has 7,063 marbles. Olu is given 1,844 more and then gives away 2,362.

How many marbles does Olu have now?

Answer: ___

(2)

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8 9317 + 5090 =

Answer: ___

(1)

---

9 A school bought 1,250 pencils and 985 pens. Later they used 397 items altogether. How many writing items remain? Show your working.

(3)

---

10 A festival had 4,176 visitors on Saturday and 4,164 visitors on Sunday.

How many more visitors came on the busier day?

Answer: ___

(2)

---

11 Victor has 8 boxes with 1,033 coins in each box and 1,994 loose coins.

How many coins does Victor have altogether?

Answer: ___

(2)

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12 2677 + 5656 =

Answer: ___

(1)

---

13 1552 + 9901 =

Answer: ___

(1)

---

14 A baker made 3,760 biscuits. She packed them into boxes of 250 biscuits. She filled 10 boxes and left the rest in a tray. How many biscuits are left in the tray?

(2)

---

15 Oliwia had 2,050 g of flour. She used 765 g for cakes and then used another 430 g for cookies. How much flour is left?

(2)

---

16 A museum had 7,739 visitors in May and 7,485 visitors in June.

How many visitors did it have altogether?

Answer: ___

(2)

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17 Work out 4,200 - 357.

(1)

---

18 6239 + 7521 =

Answer: ___

(2)

---

19 8302 - 3773 =

Answer: ___

(1)

---

20 Estimate 8,258 - 4,342 by rounding each number to the nearest 1,000 first.

Answer: ___

(2)

---

21 8695 - 2230 =

Answer: ___

(2)

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22 Estimate 9,981 - 8,052 by rounding each number to the nearest 1,000 first.

Answer: ___

(2)

---

23 6802 - 2216 =

Answer: ___

(1)

---

24 Grace has 8 boxes with 1,523 beads in each box and 4,588 loose beads.

How many beads does Grace have altogether?

Answer: ___

(2)

---

25 Work out 2,789 + 1,456 + 305 using a column method.

(2)

---

26 A stadium had 3,182 fans in May and 1,273 fans in June.

How many fans did it have altogether?

Answer: ___

(1)

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27 A festival had 1,099 visitors on Saturday and 3,443 visitors on Sunday.

How many more visitors came on the busier day?

Answer: ___

(2)

---

28 A stadium had 8,905 fans on Saturday and 6,646 fans on Sunday.

How many more fans came on the busier day?

Answer: ___

(2)

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Mark scheme · 2.2 Addition and Subtraction: Written Methods: 1-hour Pack

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

Question 1

correct calculation shown (2,300 - 675 - 125 or 2,300 - 800 + 25) or equivalent	M1
1,500 ml cao	A1

Answer: **1,500 ml**

Question 2

5 x 415 = 2,075 seen	M1
5,630 cao	A1

Answer: **5,630**

Question 3

2906 cao	B1

Answer: **2906**

Question 4

subtraction method seen	M1
4,901 cao	A1

Answer: **4,901**

Question 5

3,040 seen	M1
380 cao	A1

Answer: **380**

Question 6

14373 cao	B1

Answer: **14373**

Question 7

8,907 seen	M1
6,545 cao	A1

Answer: **6,545**

Question 8

14407 cao	B1

Answer: **14407**

Question 9

correct addition of pencils and pens to find total (1,250 + 985 = 2,235)	M1
correct subtraction of used items (2,235 - 397 = 1,838)	M1
1,838 cao	A1

Answer: **1,838**

Question 10

subtraction method seen	M1
12 cao	A1

Answer: **12**

Question 11

8 x 1,033 = 8,264 seen	M1
10,258 cao	A1

Answer: **10,258**

Question 12

8333 cao	B1

Answer: **8333**

Question 13

11453 cao	B1

Answer: **11453**

Question 14

correct calculation of biscuits packed: 10 x 250 = 2,500 and subtraction shown	M1
1,260 cao	A1

Answer: **1,260**

Question 15

correct subtraction in two steps or combined (2,050 - 765 - 430)	M1
855 g cao	A1

Answer: **855 g**

Question 16

addition method seen	M1
15,224 cao	A1

Answer: **15,224**

Question 17

3,843 cao	B1

Answer: **3,843**

Question 18

column or mental method with not more than one error	M1
13760 cao	A1

Answer: **13760**

Question 19

4529 cao	B1

Answer: **4529**

Question 20

8,000 and 4,000 seen	M1
4,000 cao	A1

Answer: **4,000**

Question 21

column or mental method with not more than one error	M1
6465 cao	A1

Answer: **6465**

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Question 22

10,000 and 8,000 seen	M1
2,000 cao	A1

Answer: **2,000**

Question 23

4586 cao	B1

Answer: **4586**

Question 24

8 x 1,523 = 12,184 seen	M1
16,772 cao	A1

Answer: **16,772**

Question 25

correct column addition layout and evidence of carrying (e.g. 9+6+5 = 20, write 0 carry 2)	M1
4,550 cao	A1

Answer: **4,550**

Question 26

4,455 cao	B1

Answer: **4,455**

Question 27

subtraction method seen	M1
2,344 cao	A1

Answer: **2,344**

Question 28

subtraction method seen	M1
2,259 cao	A1

Answer: **2,259**

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