10.1 Arithmetic (Paper 1 practice): Test Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 400 + 300 =

(1)

2 2249 x 5 =

Answer: ___

(1)

3 591.3 divided by 9 =

Answer: ___

(1)

4 144 divided by 12 =

(1)

5 385 x 40 =

Answer: ___

(2)

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6 5 cubed =

Answer: ___

(1)

---

7 51.9 x 6 =

Answer: ___

(1)

---

8 2/3 + 8/12 =

Answer: ___

(1)

---

9 949 x 6 =

Answer: ___

(1)

---

10 1/3 x 8 =

Answer: ___

(1)

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11 899 + 546 + 253 =

Answer: ___

(1)

---

12 689.6 divided by 8 =

Answer: ___

(1)

---

13 2/3 + 1/6 =

(1)

---

14 870 + 335 + 534 =

Answer: ___

(1)

---

15 9 x (2 - 1) + 3 squared =

Answer: ___

(2)

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16 52.46 + 6.87 =

Answer: ___

(1)

---

17 5.5 x 0.8 =

Answer: ___

(1)

---

18 795 x 9 =

Answer: ___

(1)

---

19 1/2 x 1/4 =

Answer: ___

(1)

---

20 3/4 - 1/8 =

(1)

---

21 2/7 x 3 =

(1)

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22 7 x 8 =

(1)

23 568 x 34 =

(2)

24 2/6 x 7 =

Answer: ___

(1)

25 11 squared =

Answer: ___

(1)

26 2/6 x 2 =

Answer: ___

(1)

27 967 x 11 =

Answer: ___

(2)

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28 316 - 145 =

Answer: ___

(1)

---

29 53.5 x 7 =

Answer: ___

(1)

---

30 6.5 x 0.5 =

Answer: ___

(1)

---

31 1/2 + 1/4 =

(1)

---

32 3629 divided by 19 =

Answer: ___

(2)

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33 236 x 77 =

Answer: ___

(2)

---

34 9 - 6 =

Answer: ___

(1)

---

35 1/4 divided by 2 =

Answer: ___

(1)

---

36 15778 divided by 23 =

Answer: ___

(2)

---

37 3/4 divided by 2 =

Answer: ___

(2)

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Mark scheme · 10.1 Arithmetic (Paper 1 practice): Test Pack

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

Question 1

700 — B1

Answer: **700**

[4C2]

[4C2]

Question 2

11245 cao — B1

Answer: **11245**

Question 3

65.7 cao — B1

Answer: **65.7**

Question 4

12 — B1

Answer: **12**

[4C6]

[4C6]

Question 5

uses a formal written method with not more than one arithmetic error — M1

15400 cao — A1

Answer: **15400**

Question 6

125 cao — B1

Answer: **125**

Question 7

311.4 cao — B1

Answer: **311.4**

Question 8

1 1/3 or 4/3 cao — B1

Answer: **1 1/3**

Question 9

5694 cao — B1

Answer: **5694**

Question 10

2 2/3 or 8/3 cao — B1

Answer: **2 2/3**

Question 11

1698 cao — B1

Answer: **1698**

Question 12

86.2 cao — B1

Answer: **86.2**

Question 13

5/6 — B1

Answer: **5/6**

[6F4]

[6F4]

Question 14

1739 cao — B1

Answer: **1739**

Question 15

method seen — M1

18 cao — A1

Answer: **18**

Question 16

59.33 cao — B1

Answer: **59.33**

Question 17

4.4 cao — B1

Answer: **4.4**

Question 18

7155 cao — B1

Answer: **7155**

Question 19

1/8 cao — B1

Answer: **1/8**

Question 20

5/8 — B1

Answer: **5/8**

[6F4]

[6F4]

Question 21

6/7 — B1

Answer: **6/7**

[6F5]

[6F5]

Question 22

56 — B1

Answer: **56**

[3C6]

[3C6]

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Question 23

19312 **B2**

formal method of long multiplication with not more than one arithmetic error (STA rubric) **B1**

Answer: **19312**

[6C7]

[6C7]

Question 24

2 1/3 or 7/3 cao **B1**

Answer: **2 1/3**

Question 25

121 cao **B1**

Answer: **121**

Question 26

2/3 cao **B1**

Answer: **2/3**

Question 27

uses a formal written method with not more than one arithmetic error **M1**

10637 cao **A1**

Answer: **10637**

Question 28

171 cao **B1**

Answer: **171**

Question 29

374.5 cao **B1**

Answer: **374.5**

Question 30

3.25 cao **B1**

Answer: **3.25**

Question 31

3/4 **B1**

Answer: **3/4**

[5F4]

[5F4]

Question 32

uses a formal method of division with not more than one arithmetic error **M1**

191 cao **A1**

Answer: **191**

Question 33

uses a formal written method with not more than one arithmetic error **M1**

18172 cao **A1**

Answer: **18172**

Question 34

3 cao **B1**

Answer: **3**

Question 35

1/8 cao **B1**

Answer: **1/8**

Question 36

uses a formal method of division with not more than one arithmetic error **M1**

686 cao **A1**

Answer: **686**

Question 37

method seen **M1**

3/8 cao **A1**

Answer: **3/8**

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