10.2-2 Arithmetic Practice Paper 2: Test Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 300 + 400 =

(1)

2 5322 divided by 6 =

Answer: ___

(1)

3 87.8 divided by 2 =

Answer: ___

(1)

4 132 divided by 11 =

(1)

5 85.1 x 2 =

Answer: ___

(1)

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6 2/5 divided by 3 =

Answer: ___

(1)

---

7 49.6 x 8 =

Answer: ___

(1)

---

8 25% of 160 =

Answer: ___

(1)

---

9 5439 x 3 =

Answer: ___

(1)

---

10 3/8 + 1/2 =

Answer: ___

(1)

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11 60% of 72 =

Answer: ___

(1)

---

12 (2 + 12) x 5 - 17 =

Answer: ___

(2)

---

13 2/3 divided by 6 =

Answer: ___

(2)

---

14 5/6 + 1/12 =

(1)

---

15 2/3 x 9 =

Answer: ___

(1)

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16 1% of 24 =

Answer: ___

(1)

---

17 27.2 x 6 =

Answer: ___

(1)

---

18 55 x 8 =

Answer: ___

(1)

---

19 544 x 4 =

Answer: ___

(1)

---

20 3/5 divided by 5 =

Answer: ___

(1)

---

21 900 - 350 =

(1)

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22 Write 3/8 as a decimal.

(1)

---

23 25 x 16 =

(1)

---

24 3948 divided by 12 =

(2)

---

25 4/6 x 3 =

Answer: ___

(1)

---

26 4 1/8 + 1 2/4 =

Answer: ___

(1)

---

27 3 squared =

Answer: ___

(1)

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28 1/6 x 1/6 =

Answer: ___

(2)

---

29 15 x 8 =

(1)

---

30 1/2 + 1/8 =

Answer: ___

(2)

---

31 2 1/2 + 3 5/8 =

Answer: ___

(2)

---

32 22080 divided by 40 =

Answer: ___

(2)

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33 20% of 132 =

Answer: ___

(1)

---

34 3 1/3 + 1 3/6 =

Answer: ___

(2)

---

35 50% of 196 =

Answer: ___

(1)

---

36 80% of 172 =

Answer: ___

(1)

---

37 27735 - 352 =

Answer: ___

(1)

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Mark scheme · 10.2-2 Arithmetic Practice Paper 2: 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

887 cao **B1**

Answer: **887**

Question 3

43.9 cao **B1**

Answer: **43.9**

Question 4

12 **B1**

Answer: **12**

[4C6]

[4C6]

Question 5

170.2 cao **B1**

Answer: **170.2**

Question 6

2/15 cao **B1**

Answer: **2/15**

Question 7

396.8 cao **B1**

Answer: **396.8**

Question 8

40 cao **B1**

Answer: **40**

Question 9

16317 cao **B1**

Answer: **16317**

Question 10

7/8 cao **B1**

Answer: **7/8**

Question 11

43.2 cao **B1**

Answer: **43.2**

Question 12

method seen **M1**

53 cao **A1**

Answer: **53**

Question 13

method seen **M1**

1/9 cao **A1**

Answer: **1/9**

Question 14

11/12 **B1**

Answer: **11/12**

[6F4]

[6F4]

Question 15

6 cao **B1**

Answer: **6**

Question 16

0.24 cao **B1**

Answer: **0.24**

Question 17

163.2 cao **B1**

Answer: **163.2**

Question 18

440 cao **B1**

Answer: **440**

Question 19

2176 cao **B1**

Answer: **2176**

Question 20

3/25 cao **B1**

Answer: **3/25**

Question 21

550 **B1**

Answer: **550**

[4C2]

[4C2]

Question 22

0.375 **B1**

Answer: **0.375**

[6F10]

[6F10]

Question 23

400 **B1**

Answer: **400**

[5C7]

[5C7]

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Question 24

329 **B2**

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

Answer: **329**

[6C8]

[6C8]

Question 25

2 cao **B1**

Answer: **2**

Question 26

5 5/8 or 45/8 cao **B1**

Answer: **5 5/8**

Question 27

9 cao **B1**

Answer: **9**

Question 28

method seen **M1**

1/36 cao **A1**

Answer: **1/36**

Question 29

120 **B1**

Answer: **120**

[4C7]

[4C7]

Question 30

method seen **M1**

5/8 cao **A1**

Answer: **5/8**

Question 31

method seen **M1**

6 1/8 or 49/8 cao **A1**

Answer: **6 1/8**

Question 32

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

552 cao **A1**

Answer: **552**

Question 33

26.4 cao **B1**

Answer: **26.4**

Question 34

method seen **M1**

4 5/6 or 29/6 cao **A1**

Answer: **4 5/6**

Question 35

98 cao **B1**

Answer: **98**

Question 36

137.6 cao **B1**

Answer: **137.6**

Question 37

27383 cao **B1**

Answer: **27383**

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