3.3 Multiplication and Division: 3, 4 and 8 Times Tables: 1-hour Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 There are 6 rows of chairs with 4 chairs in each row. How many chairs are there?

Answer: ___

(1)

---

2 Each minibus has 28 seats. There are 313 children to carry.

What is the smallest number of minibuses needed?

Answer: ___

(2)

---

3 Bella buys 4 packs of magnets. Each pack has 8 magnets. How many magnets does Bella have?

Answer: ___

(1)

---

4 13 x 4 =

Answer: ___

(1)

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5 Each minibus has 30 seats. There are 334 children to carry.

What is the smallest number of minibuses needed?

Answer: ___

(2)

---

6 36 divided by 6 =

Answer: ___

(1)

---

7 Kofi buys 3 packs of postcards. Each pack has 7 postcards. How many postcards does Kofi have?

Answer: ___

(1)

---

8 Victor has 36 erasers and puts 3 in each box. How many boxes are filled?

Answer: ___

(1)

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9 Each coach has 24 seats. There are 381 pupils to carry.

What is the smallest number of coaches needed?

Answer: ___

(2)

---

10 What is the smallest number that is a multiple of both 8 and 4?

Answer: ___

(2)

---

11 54 divided by 6 =

Answer: ___

(1)

---

12 ___ x 8 = 80

Answer: ___

(1)

---

13 Kiran buys 3 packs of pencils. Each pack has 4 pencils. How many pencils does Kiran have?

Answer: ___

(1)

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14 A school packs 8 pencils into each box. They have 5 boxes. They then add 4 more pencils in one box so that it becomes 12 pencils. How many pencils are there now in total?

(2)

---

15 Each coach has 16 seats. There are 104 pupils to carry.

What is the smallest number of coaches needed?

Answer: ___

(2)

---

16 Plants cost £1.75 each. Kofi buys 3 and pays with £20.

How much change does Kofi get?

Answer: £___

(2)

---

17 ___ x 4 = 48

Answer: ___

(1)

---

18 Jack buys 10 packs of stickers. Each pack has 6 stickers. How many stickers does Jack have?

Answer: ___

(1)

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19 8 x 8 =

Answer: ___

(1)

---

20 33 x 5 =

Answer: ___

(1)

---

21 ___ x 4 = 12

Answer: ___

(1)

---

22 ___ x 3 = 24

Answer: ___

(1)

---

23 What is the smallest number that is a multiple of both 10 and 3?

Answer: ___

(2)

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24 There are 6 rows of chairs with 12 chairs in each row. How many chairs are there?

Answer: ___

(1)

---

25 Tickets cost £3.13 each. Noah buys 3 and pays with £20.

How much change does Noah get?

Answer: £___

(2)

---

26 Notebooks cost £4.17 each. Amira buys 3 and pays with £20.

How much change does Amira get?

Answer: £___

(2)

---

27 Each taxi has 41 seats. There are 351 people to carry.

What is the smallest number of taxis needed?

Answer: ___

(2)

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28 42 x 7 =

Answer: ___

(1)

---

29 Each box has 11 spaces. There are 119 eggs to carry.

What is the smallest number of boxes needed?

Answer: ___

(2)

---

30 What is the smallest number that is a multiple of both 11 and 3?

Answer: ___

(2)

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31 Each tray has 5 spaces. There are 318 cakes to carry.

What is the smallest number of trays needed?

Answer: ___

(2)

---

32 Write all the multiples of 8 between 182 and 205.

Answer: ___

(2)

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Mark scheme · 3.3 Multiplication and Division: 3, 4 and 8 Times Tables: 1-hour Pack

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

Question 1

24 cao — **B1**

Answer: **24**

Question 2

313 / 28 = 11 remainder 5 seen — **M1**

12 cao — **A1**

Answer: **12**

Question 3

32 cao — **B1**

Answer: **32**

Question 4

52 cao — **B1**

Answer: **52**

Question 5

334 / 30 = 11 remainder 4 seen — **M1**

12 cao — **A1**

Answer: **12**

Question 6

6 cao — **B1**

Answer: **6**

Question 7

21 cao — **B1**

Answer: **21**

Question 8

12 cao — **B1**

Answer: **12**

Question 9

381 / 24 = 15 remainder 21 seen — **M1**

16 cao — **A1**

Answer: **16**

Question 10

lists multiples of 8 and 4 — **M1**

8 cao — **A1**

Answer: **8**

Question 11

9 cao — **B1**

Answer: **9**

Question 12

10 cao — **B1**

Answer: **10**

Question 13

12 cao — **B1**

Answer: **12**

Question 14

work to find initial total 8 x 5 = 40 or equivalent — **M1**

44 cao (40 + 4 = 44) — **B1**

Answer: **44**

Question 15

104 / 16 = 6 remainder 8 seen — **M1**

7 cao — **A1**

Answer: **7**

Question 16

1.75 x 3 = 5.25 seen — **M1**

£14.75 cao — **A1**

Answer: **£14.75**

Question 17

12 cao — **B1**

Answer: **12**

Question 18

60 cao — **B1**

Answer: **60**

Question 19

64 cao — **B1**

Answer: **64**

Question 20

165 cao — **B1**

Answer: **165**

Question 21

3 cao — **B1**

Answer: **3**

Question 22

8 cao — **B1**

Answer: **8**

Question 23

lists multiples of 10 and 3 — **M1**

30 cao — **A1**

Answer: **30**

Question 24

72 cao — **B1**

Answer: **72**

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Question 25

3.13 x 3 = 9.39 seen	M1
£10.61 cao	A1

Answer: **£10.61**

Question 26

4.17 x 3 = 12.51 seen	M1
£7.49 cao	A1

Answer: **£7.49**

Question 27

351 / 41 = 8 remainder 23 seen	M1
9 cao	A1

Answer: **9**

Question 28

294 cao	B1

Answer: **294**

Question 29

119 / 11 = 10 remainder 9 seen	M1
11 cao	A1

Answer: **11**

Question 30

lists multiples of 11 and 3	M1
33 cao	A1

Answer: **33**

Question 31

318 / 5 = 63 remainder 3 seen	M1
64 cao	A1

Answer: **64**

Question 32

lists multiples of the number	M1
184, 192, 200 cao	A1

Answer: **184, 192, 200**

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