3.3 Multiplication and Division: 3, 4 and 8 Times Tables: 2-hour Pack

Calculators not allowed · about 120 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 What is the smallest number that is a multiple of both 4 and 12?

Answer: ___

(2)

---

2 8 x 7 =

Answer: ___

(1)

---

3 Each coach has 4 seats. There are 265 pupils to carry.

What is the smallest number of coaches needed?

Answer: ___

(2)

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4 Books cost £5.88 each. Hassan buys 5 and pays with £40.

How much change does Hassan get?

Answer: £___

(2)

---

5 There are 8 rows of 4 chairs in the hall. How many chairs are there altogether? Show one step of working.

(2)

---

6 A toy company packs 3 small cars into each packet. They make 8 packets. They then put the cars into boxes that hold 4 cars each. How many full boxes can they fill?

(2)

---

7 4 x ___ = 16

Answer: ___

(1)

---

8 ___ x 3 = 18

Answer: ___

(1)

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9 Zara buys 10 packs of stickers. Each pack has 7 stickers. How many stickers does Zara have?

Answer: ___

(1)

---

10 20 x 8 =

Answer: ___

(1)

---

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

Answer: ___

(2)

---

12 Toys cost £2.40 each. Chloe buys 6 and pays with £20.

How much change does Chloe get?

Answer: £___

(2)

---

13 Write all the multiples of 11 from 88 to 102.

Answer: ___

(2)

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14 Each coach has 18 seats. There are 274 pupils to carry.

What is the smallest number of coaches needed?

Answer: ___

(2)

---

15 24 divided by 4 =

Answer: ___

(1)

---

16 40 divided by 4 =

Answer: ___

(1)

---

17 12 divided by 4 =

Answer: ___

(1)

---

18 29 x 4 =

Answer: ___

(1)

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19 Priya has 55 keyrings and puts 5 in each box. How many boxes are filled?

Answer: ___

(1)

---

20 There are 12 rows of chairs with 3 chairs in each row. How many chairs are there?

Answer: ___

(1)

---

21 Gift bags cost £3.74 each. Nia buys 9.

How much does Nia pay?

Answer: £___

(2)

---

22 Each taxi has 27 seats. There are 144 people to carry.

What is the smallest number of taxis needed?

Answer: ___

(2)

---

23 4 x 7 =

Answer: ___

(1)

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24 25 divided by 5 =

Answer: ___

(1)

---

25 Mia buys 11 packs of postcards. Each pack has 6 postcards. How many postcards does Mia have?

Answer: ___

(1)

---

26 52 x 4 =

Answer: ___

(1)

---

27 8 x ___ = 88

Answer: ___

(1)

---

28 19 x 7 =

Answer: ___

(1)

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29 8 x ___ = 80

Answer: ___

(1)

---

30 Sofia has 108 stickers and puts 9 in each box. How many boxes are filled?

Answer: ___

(1)

---

31 Priya lines up 4 groups of chairs. Each group has 8 chairs. How many chairs are there altogether? Show one step of working.

(2)

---

32 55 x 4 =

Answer: ___

(1)

---

33 There are 6 rows of chairs with 3 chairs in each row. How many chairs are there?

Answer: ___

(1)

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34 There are 9 rows of chairs with 3 chairs in each row. How many chairs are there?

Answer: ___

(1)

---

35 Write all the multiples of 12 between 166 and 186.

Answer: ___

(1)

---

36 Hassan has 72 keyrings and puts 9 in each box. How many boxes are filled?

Answer: ___

(1)

---

37 Tickets cost £6.88 each. Tom buys 4 and pays with £40.

How much change does Tom get?

Answer: £___

(2)

---

38 Write all the multiples of 5 between 197 and 227.

Answer: ___

(2)

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39 A ribbon is cut into pieces of length 3 cm. How many 3 cm pieces can be cut from a 24 cm ribbon?

(2)

---

40 Tickets cost £2.25 each. Uma buys 6.

How much does Uma pay?

Answer: £___

(2)

---

41 ___ x 8 = 24

Answer: ___

(1)

---

42 3 x 2 =

Answer: ___

(1)

---

43 Write all the multiples of 3 between 184 and 203.

Answer: ___

(1)

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44 Tickets cost £1.78 each. Uma buys 3 and pays with £20.

How much change does Uma get?

Answer: £___

(2)

---

45 Books cost £5.45 each. Isla buys 3 and pays with £20.

How much change does Isla get?

Answer: £___

(2)

---

46 45 divided by 5 =

Answer: ___

(1)

---

47 28 divided by 4 =

Answer: ___

(1)

---

48 22 x 4 =

Answer: ___

(1)

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49 Plants cost £7.73 each. Ravi buys 5 and pays with £40.

How much change does Ravi get?

Answer: £___

(2)

---

50 44 x 6 =

Answer: ___

(1)

---

51 Write all the multiples of 5 from 96 to 115.

Answer: ___

(2)

---

52 What is the smallest number that is a multiple of both 7 and 8?

Answer: ___

(2)

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53 Gift bags cost £2.06 each. Isla buys 7.

How much does Isla pay?

Answer: £___

(2)

---

54 26 x 3 =

Answer: ___

(1)

---

55 ___ x 3 = 30

Answer: ___

(1)

---

56 26 x 6 =

Answer: ___

(1)

---

57 Toys cost £2.09 each. Victor buys 3.

How much does Victor pay?

Answer: £___

(1)

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58 A baker puts 4 rows of cakes on a tray. Each row has 6 cakes. He needs to move the cakes into boxes that hold 8 cakes each. How many full boxes can he fill?

(2)

---

59 Sofia buys 9 packs of bookmarks. Each pack has 6 bookmarks. How many bookmarks does Sofia have?

Answer: ___

(1)

---

60 45 x 8 =

Answer: ___

(1)

---

61 17 x 3 =

Answer: ___

(1)

---

62 There are 10 rows of chairs with 9 chairs in each row. How many chairs are there?

Answer: ___

(1)

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63 Each taxi has 36 seats. There are 76 people to carry.

What is the smallest number of taxis needed?

Answer: ___

(2)

---

64 4 x ___ = 44

Answer: ___

(1)

---

65 ___ x 8 = 96

Answer: ___

(1)

---

66 4 x 5 =

Answer: ___

(1)

---

67 8 x ___ = 96

Answer: ___

(1)

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68 4 x 3 =

Answer: ___

(1)

---

69 49 x 7 =

Answer: ___

(1)

---

70 21 x 8 =

Answer: ___

(1)

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Mark scheme · 3.3 Multiplication and Division: 3, 4 and 8 Times Tables: 2-hour Pack

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

Question 1

lists multiples of 4 and 12 — M1
12 cao — A1
Answer: **12**

Question 2

56 cao — B1
Answer: **56**

Question 3

265 / 4 = 66 remainder 1 seen — M1
67 cao — A1
Answer: **67**

Question 4

5.88 x 5 = 29.40 seen — M1
£10.60 cao — A1
Answer: **£10.60**

Question 5

evidence of multiplication 8 x 4 or repeated addition — M1
32 cao — B1
Answer: **32**

Question 6

work to find total cars: 3 x 8 = 24 or seen — M1
6 cao (24 ÷ 4 = 6) — B1
Answer: **6**

Question 7

4 cao — B1
Answer: **4**

Question 8

6 cao — B1
Answer: **6**

Question 9

70 cao — B1
Answer: **70**

Question 10

160 cao — B1
Answer: **160**

Question 11

lists multiples of 10 and 4 — M1
20 cao — A1
Answer: **20**

Question 12

2.40 x 6 = 14.40 seen — M1
£5.60 cao — A1
Answer: **£5.60**

Question 13

lists multiples of the number — M1
88, 99 cao — A1
Answer: **88, 99**

Question 14

274 / 18 = 15 remainder 4 seen — M1
16 cao — A1
Answer: **16**

Question 15

6 cao — B1
Answer: **6**

Question 16

10 cao — B1
Answer: **10**

Question 17

3 cao — B1
Answer: **3**

Question 18

116 cao — B1
Answer: **116**

Question 19

11 cao — B1
Answer: **11**

Question 20

36 cao — B1
Answer: **36**

Question 21

3.74 x 9 method seen — M1
£33.66 cao — A1
Answer: **£33.66**

Question 22

144 / 27 = 5 remainder 9 seen — M1
6 cao — A1
Answer: **6**

Question 23

28 cao — B1
Answer: **28**

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Question 24

5 cao **B1**

Answer: **5**

Question 25

66 cao **B1**

Answer: **66**

Question 26

208 cao **B1**

Answer: **208**

Question 27

11 cao **B1**

Answer: **11**

Question 28

133 cao **B1**

Answer: **133**

Question 29

10 cao **B1**

Answer: **10**

Question 30

12 cao **B1**

Answer: **12**

Question 31

evidence of multiplication 4 x 8 or 8 + 8 + 8 + 8 **M1**

32 cao **B1**

Answer: **32**

Question 32

220 cao **B1**

Answer: **220**

Question 33

18 cao **B1**

Answer: **18**

Question 34

27 cao **B1**

Answer: **27**

Question 35

168, 180 cao **B1**

Answer: **168, 180**

Question 36

8 cao **B1**

Answer: **8**

Question 37

6.88 x 4 = 27.52 seen **M1**

£12.48 cao **A1**

Answer: **£12.48**

Question 38

lists multiples of the number **M1**

200, 205, 210, 215, 220, 225 cao **A1**

Answer: **200, 205, 210, 215, 220, 225**

Question 39

division method shown 24 ÷ 3 or repeated subtraction **M1**

8 cao **B1**

Answer: **8**

Question 40

2.25 x 6 method seen **M1**

£13.50 cao **A1**

Answer: **£13.50**

Question 41

3 cao **B1**

Answer: **3**

Question 42

6 cao **B1**

Answer: **6**

Question 43

186, 189, 192, 195, 198, 201 cao **B1**

Answer: **186, 189, 192, 195, 198, 201**

Question 44

1.78 x 3 = 5.34 seen **M1**

£14.66 cao **A1**

Answer: **£14.66**

Question 45

5.45 x 3 = 16.35 seen **M1**

£3.65 cao **A1**

Answer: **£3.65**

Question 46

9 cao **B1**

Answer: **9**

Question 47

7 cao **B1**

Answer: **7**

Question 48

88 cao **B1**

Answer: **88**

Question 49

7.73 x 5 = 38.65 seen **M1**

£1.35 cao **A1**

Answer: **£1.35**

Question 50

264 cao **B1**

Answer: **264**

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Question 51

lists multiples of the number — M1
100, 105, 110, 115 cao — A1
Answer: **100, 105, 110, 115**

Question 52

lists multiples of 7 and 8 — M1
56 cao — A1
Answer: **56**

Question 53

2.06 x 7 method seen — M1
£14.42 cao — A1
Answer: **£14.42**

Question 54

78 cao — B1
Answer: **78**

Question 55

10 cao — B1
Answer: **10**

Question 56

156 cao — B1
Answer: **156**

Question 57

£6.27 cao — B1
Answer: **£6.27**

Question 58

work to find total cakes: 4 x 6 = 24 or seen — M1
3 cao (24 ÷ 8 = 3) — B1
Answer: **3**

Question 59

54 cao — B1
Answer: **54**

Question 60

360 cao — B1
Answer: **360**

Question 61

51 cao — B1
Answer: **51**

Question 62

90 cao — B1
Answer: **90**

Question 63

76 / 36 = 2 remainder 4 seen — M1
3 cao — A1
Answer: **3**

Question 64

11 cao — B1
Answer: **11**

Question 65

12 cao — B1
Answer: **12**

Question 66

20 cao — B1
Answer: **20**

Question 67

12 cao — B1
Answer: **12**

Question 68

12 cao — B1
Answer: **12**

Question 69

343 cao — B1
Answer: **343**

Question 70

168 cao — B1
Answer: **168**

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