3.3 Multiplication and Division: 3, 4 and 8 Times Tables: Test Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write 3 times 4 as an answer.

(1)

2 ___ x 4 = 8

Answer: ___

(1)

3 What is the smallest number that is a multiple of both 12 and 9?

Answer: ___

(2)

4 Oliwia has 3 baskets. Each basket has 4 apples. She gives away 6 apples. How many apples does she have left?

(2)

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5 4 x 6 =

Answer: ___

(1)

---

6 Write all the multiples of 9 between 181 and 209.

Answer: ___

(2)

---

7 Each coach has 38 seats. There are 222 pupils to carry.

What is the smallest number of coaches needed?

Answer: ___

(2)

---

8 4 x ___ = 40

Answer: ___

(1)

---

9 Daisy has 40 keyrings and puts 10 in each box. How many boxes are filled?

Answer: ___

(1)

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10 Hassan buys 4 packs of pencils. Each pack has 3 pencils. How many pencils does Hassan have?

Answer: ___

(1)

---

11 40 divided by 8 =

Answer: ___

(1)

---

12 24 divided by 3 =

Answer: ___

(1)

---

13 Kiran buys 7 packs of stickers. Each pack has 5 stickers. How many stickers does Kiran have?

Answer: ___

(1)

---

14 Complete: 32 ÷ 8 = __

(1)

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15 What is the smallest number that is a multiple of both 10 and 6?

Answer: ___

(2)

---

16 3 x ___ = 15

Answer: ___

(1)

---

17 Poppy has 63 postcards and puts 7 in each box. How many boxes are filled?

Answer: ___

(1)

---

18 Priya has 30 stickers and puts 10 in each box. How many boxes are filled?

Answer: ___

(1)

---

19 What is the smallest number that is a multiple of both 5 and 11?

Answer: ___

(2)

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20 Complete the related division: 24 ÷ 3 =

(1)

---

21 ___ x 8 = 56

Answer: ___

(1)

---

22 There are 3 sweets in each packet. How many sweets are in 7 packets?

(1)

---

23 What is the smallest number that is a multiple of both 3 and 9?

Answer: ___

(2)

---

24 Jack has 36 notebooks and puts 6 in each box. How many boxes are filled?

Answer: ___

(1)

---

25 72 divided by 8 =

Answer: ___

(1)

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26 There are 4 rows of chairs with 10 chairs in each row. How many chairs are there?

Answer: ___

(1)

---

27 8 x 5 =

Answer: ___

(1)

---

28 What is the smallest number that is a multiple of both 4 and 5?

Answer: ___

(2)

---

29 Write the multiplication fact for 8 groups of 3.

(1)

---

30 13 x 6 =

Answer: ___

(1)

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31 39 x 8 =

Answer: ___

(1)

---

32 There are 11 rows of chairs with 11 chairs in each row. How many chairs are there?

Answer: ___

(1)

---

33 3 x ___ = 33

Answer: ___

(1)

---

34 Explain why 3 x 8 is the same as 8 + 8 + 8. Give a short reason.

(2)

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35 15 divided by 3 =

Answer: ___

(1)

---

36 Willow buys 3 packs of badges. Each pack has 5 badges. How many badges does Willow have?

Answer: ___

(1)

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Mark scheme · 3.3 Multiplication and Division: 3, 4 and 8 Times Tables: Test Pack

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

Question 1

12 cao — **B1**

Answer: **12**

Question 2

2 cao — **B1**

Answer: **2**

Question 3

lists multiples of 12 and 9 — **M1**

36 cao — **A1**

Answer: **36**

Question 4

method to find total apples 3 x 4 or equivalent — **M1**

6 cao (12 - 6 = 6) — **B1**

Answer: **6**

Question 5

24 cao — **B1**

Answer: **24**

Question 6

lists multiples of the number — **M1**

189, 198, 207 cao — **A1**

Answer: **189, 198, 207**

Question 7

222 / 38 = 5 remainder 32 seen — **M1**

6 cao — **A1**

Answer: **6**

Question 8

10 cao — **B1**

Answer: **10**

Question 9

4 cao — **B1**

Answer: **4**

Question 10

12 cao — **B1**

Answer: **12**

Question 11

5 cao — **B1**

Answer: **5**

Question 12

8 cao — **B1**

Answer: **8**

Question 13

35 cao — **B1**

Answer: **35**

Question 14

4 cao — **B1**

Answer: **4**

Question 15

lists multiples of 10 and 6 — **M1**

30 cao — **A1**

Answer: **30**

Question 16

5 cao — **B1**

Answer: **5**

Question 17

9 cao — **B1**

Answer: **9**

Question 18

3 cao — **B1**

Answer: **3**

Question 19

lists multiples of 5 and 11 — **M1**

55 cao — **A1**

Answer: **55**

Question 20

8 cao — **B1**

Answer: **8**

Question 21

7 cao — **B1**

Answer: **7**

Question 22

21 cao — **B1**

Answer: **21**

Question 23

lists multiples of 3 and 9 — **M1**

9 cao — **A1**

Answer: **9**

Question 24

6 cao — **B1**

Answer: **6**

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Question 25

9 cao **B1**

Answer: **9**

Question 26

40 cao **B1**

Answer: **40**

Question 27

40 cao **B1**

Answer: **40**

Question 28

lists multiples of 4 and 5 **M1**

20 cao **A1**

Answer: **20**

Question 29

8 x 3 = 24 or equivalent correct statement cao **B1**

Answer: **8 x 3 = 24**

Question 30

78 cao **B1**

Answer: **78**

Question 31

312 cao **B1**

Answer: **312**

Question 32

121 cao **B1**

Answer: **121**

Question 33

11 cao **B1**

Answer: **11**

Question 34

statement that multiplication is repeated addition (eg "3 lots of 8 means add 8 three times") **B1**

explicit link to numbers shown (eg "3 x 8 = 8 + 8 + 8") **B1**

Answer: **3 x 8 means 3 lots of 8, so it equals 8 + 8 + 8**

Question 35

5 cao **B1**

Answer: **5**

Question 36

15 cao **B1**

Answer: **15**

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