3.4 Multiplication and Division Facts to 12 x 12: 30-minute Pack

Calculators not allowed · about 30 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Tickets cost £1.72 each. Yusuf buys 11.

How much does Yusuf pay?

Answer: £___

(2)

---

2 Willow buys 8 packs of postcards. Each pack has 3 postcards. How many postcards does Willow have?

Answer: ___

(1)

---

3 60 divided by 5 =

Answer: ___

(1)

---

4 Tom has 99 postcards and puts 9 in each box. How many boxes are filled?

Answer: ___

(1)

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5 Yusuf buys 9 packs of badges. Each pack has 4 badges. How many badges does Yusuf have?

Answer: ___

(1)

---

6 10 x ___ = 120

Answer: ___

(1)

---

7 Nia buys 9 packs of pencils. Each pack has 8 pencils. How many pencils does Nia have?

Answer: ___

(1)

---

8 85 x 5 =

Answer: ___

(1)

---

9 Priya knows that 73 x 63 = 4,599.

Use this to work out 4,599 divided by 63.

Answer: ___

(1)

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10 There are 7 rows of chairs with 9 chairs in each row. How many chairs are there?

Answer: ___

(1)

---

11 99 divided by 11 =

Answer: ___

(1)

---

12 Gift bags cost £1.84 each. Yusuf buys 4.

How much does Yusuf pay?

Answer: £___

(2)

---

13 Callum knows that 51 x 27 = 1,377.

Use this to work out 1,377 divided by 27.

Answer: ___

(1)

---

14 5 x 5 =

Answer: ___

(1)

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15 Sam has 24 sweets. He shares them equally into 6 bags. How many sweets are in each bag?

(1)

---

16 Write all the factors of 15.

Answer: ___

(1)

---

17 64 x 2 =

Answer: ___

(1)

---

18 3 x 11 = ?

(1)

---

19 Explain your answer.

(1)

---

20 A little challenge.

(1)

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21 Which calculation does NOT give the answer 36? Tick one.

- [ ] 4 x 9
- [ ] 3 x 12
- [ ] 6 x 7
- [ ] 6 x 6

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22 A rectangle has 3 rows of 7 squares. How many squares are there altogether?

(1)

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Mark scheme · 3.4 Multiplication and Division Facts to 12 x 12: 30-minute Pack

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

Question 1

1.72 x 11 method seen — M1
£18.92 cao — A1
Answer: **£18.92**

Question 2

24 cao — B1
Answer: **24**

Question 3

12 cao — B1
Answer: **12**

Question 4

11 cao — B1
Answer: **11**

Question 5

36 cao — B1
Answer: **36**

Question 6

12 cao — B1
Answer: **12**

Question 7

72 cao — B1
Answer: **72**

Question 8

425 cao — B1
Answer: **425**

Question 9

73 cao — B1
Answer: **73**

Question 10

63 cao — B1
Answer: **63**

Question 11

9 cao — B1
Answer: **9**

Question 12

1.84 x 4 method seen — M1
£7.36 cao — A1
Answer: **£7.36**

Question 13

51 cao — B1
Answer: **51**

Question 14

25 cao — B1
Answer: **25**

Question 15

4 cao — B1
Answer: **4**

Question 16

1, 3, 5, 15 cao — B1
Answer: **1, 3, 5, 15**

Question 17

128 cao — B1
Answer: **128**

Question 18

33 cao — B1
Answer: **33**

Question 19

Explanation that doubling 4 x 6 gives 8 x 6, e.g. "4 x 6 = 24 so 8 x 6 is double that: 24 + 24 = 48" oe — B1
Answer: **Double 4 x 6 = 24 to get 8 x 6: 24 + 24 = 48.**

Question 20

60 cupcakes and 10 boxes shown or stated (both correct) cao — B1
Answer: **60 cupcakes, 10 boxes**

Question 21

6 x 7 cao — B1
Answer: **6 x 7**

Question 22

21 cao — B1
Answer: **21**

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