2.4 Number Bonds to 20: Test Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 55 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write the missing number. 10 + ___ = 20

Answer: ___

(1)

---

2 17 - 9 = 8

Use this to complete: 8 + 9 = ___

(1)

---

3 19 - 9 = 10

Use this to complete: 10 + 9 = ___

(1)

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4 Which two numbers add to make 20? Tick one box.

A 3 and 16

B 5 and 15

C 7 and 10

- ☐ A
- ☐ B
- ☐ C

---

5 6 + ___ = 20

Answer: ___

(1)

---

6 11 + 8 = 19

Use this to complete: 19 - 8 = ___

(1)

---

7 14 + ___ = 20

Answer: ___

(1)

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8 8 + 9 =

Hint: double 8 and add 1.

Answer: ___

(1)

---

9 Which number adds to 17 to make 20?

Answer: ___

(1)

---

10 12 + 4 =

Answer: ___

(1)

---

11 Ben has 16 beads. Ben needs 20. How many more does Ben need?

Answer: ___

(1)

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12 0 + 15 =

Answer: ___

(1)

---

13 There are 14 books in a box and 4 books in a bag. How many books are there altogether?

Answer: ___

(1)

---

14 Complete this. 8 + 12 = ___

Answer: ___

(1)

---

15 Callum has 18 apples. Callum needs 20. How many more does Callum need?

Answer: ___

(1)

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16 Fill in the missing number. 20 - 9 = ___

Answer: ___

(1)

---

17 Which two of these number cards add up to 20?

1, 11, 19, 4

Answer: ___ and ___

(1)

---

18 Which number adds to 1 to make 20?

Answer: ___

(1)

---

19 Mateo has 12 pencils. Jade has 9. How many more does Mateo have than Jade?

Answer: ___

(1)

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20 ___ - 8 = 2

Answer: ___

(1)

---

21 ___ + 10 = 20

Answer: ___

(1)

---

22 6 + 4 =

Answer: ___

(1)

---

23 Write the missing number. 3 + ___ = 20

Answer: ___

(1)

---

24 Write two different pairs of odd numbers that make 20.

(2)

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25 Circle the two numbers that make 20 when added.

Options: 2, 7, 18, 12

Circle: ___ and ___

- ☐ 2
- ☐ 7
- ☐ 18
- ☐ 12

---

26 Which two of these number cards add up to 20?

2, 17, 18, 12

Answer: ___ and ___

(1)

---

27 2 + 12 =

Answer: ___

(1)

---

28 7 + 3 =

Answer: ___

(1)

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29 Which two of these number cards add up to 20?

15, 18, 2, 7

Answer: ___ and ___

(1)

---

30 0 + ___ = 9

Answer: ___

(1)

---

31 Which two of these number cards add up to 20?

15, 5, 21, 3

Answer: ___ and ___

(1)

---

32 9 + ___ = 20

Answer: ___

(1)

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33 Oliwia has 8 red balloons and some blue balloons. She has 20 balloons in total. How many blue balloons does she have?

Answer: ___

(1)

---

34 Sofia has 6 marbles. Sofia needs 20. How many more does Sofia need?

Answer: ___

(1)

---

35 16 + ___ = 20

Answer: ___

(1)

---

36 13 + 7 =

Answer: ___

(1)

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37 16 - ___ = 10

Answer: ___

(1)

38 7 + 1 =

Answer: ___

(1)

39 Which two of these number cards add up to 20?

7, 1, 6, 19

Answer: ___ and ___

(1)

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Mark scheme · 2.4 Number Bonds to 20: Test Pack

Question 1

10 cao — **B1**

Answer: **10**

Question 2

17 cao — **B1**

Answer: **17**

Question 3

19 cao — **B1**

Answer: **19**

Question 4

B cao (5 + 15 = 20; A gives 19 and C gives 17, both incorrect) oe — **B1**

Answer: **B (5 and 15)**

Question 5

14 cao — **B1**

Answer: **14**

Question 6

11 cao — **B1**

Answer: **11**

Question 7

6 cao — **B1**

Answer: **6**

Question 8

17 cao — **B1**

Answer: **17**

Question 9

3 cao — **B1**

Answer: **3**

Question 10

16 cao — **B1**

Answer: **16**

Question 11

4 cao — **B1**

Answer: **4**

Question 12

15 cao — **B1**

Answer: **15**

Question 13

18 cao — **B1**

Answer: **18**

Question 14

20 cao — **B1**

Answer: **20**

Question 15

2 cao — **B1**

Answer: **2**

Question 16

11 cao — **B1**

Answer: **11**

Question 17

1 and 19 cao — **B1**

Answer: **1 and 19**

Question 18

19 cao — **B1**

Answer: **19**

Question 19

3 cao — **B1**

Answer: **3**

Question 20

10 cao — **B1**

Answer: **10**

Question 21

10 cao — **B1**

Answer: **10**

Question 22

10 cao — **B1**

Answer: **10**

Question 23

17 cao — **B1**

Answer: **17**

Question 24

one correct pair of odd whole numbers totalling 20 — **B1**

a second different correct pair of odd whole numbers totalling 20 — **B1**

Answer: **Possible pairs: 1 and 19, 3 and 17, 5 and 15, 7 and 13, or 9 and 11.**

Question 25

2 and 18 cao (both correct) — **B1**

Answer: **2 and 18**

Question 26

2 and 18 cao — **B1**

Answer: **2 and 18**

Question 27

14 cao — **B1**

Answer: **14**

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Question 28

10 cao **B1**

Answer: **10**

Question 29

2 and 18 cao **B1**

Answer: **2 and 18**

Question 30

9 cao **B1**

Answer: **9**

Question 31

5 and 15 cao **B1**

Answer: **5 and 15**

Question 32

11 cao **B1**

Answer: **11**

Question 33

12 cao **B1**

Answer: **12**

Question 34

14 cao **B1**

Answer: **14**

Question 35

4 cao **B1**

Answer: **4**

Question 36

20 cao **B1**

Answer: **20**

Question 37

6 cao **B1**

Answer: **6**

Question 38

8 cao **B1**

Answer: **8**

Question 39

1 and 19 cao **B1**

Answer: **1 and 19**

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