

**TEST NAME: NBT.3 One Digit by Two digit multiplication**  
**TEST ID: 2710787**  
**GRADE: 03 - Third Grade**  
**SUBJECT: Mathematics**  
**TEST CATEGORY: My Classroom**

Student: \_\_\_\_\_  
Class: \_\_\_\_\_  
Date: \_\_\_\_\_

1. Anthony has 3 boxes of chocolates. Each box has 40 pieces of chocolate. How many pieces of chocolate does Anthony have in all?  
  
A. 43  
B. 70  
C. 120  
D. 160
  
2. Which expression below has the same value as  $8 \times 20$ ?  
  
A.  $(4 \times 5) \times (4 \times 4)$   
B.  $(4 \times 10) + (4 \times 10)$   
C.  $(8 \times 4) + (8 \times 5)$   
D.  $(8 \times 10) + (8 \times 10)$
  
3. David has 5 boxes with 20 marbles in each box. How many total marbles does David have?  
  
A. 10  
B. 15  
C. 100  
D. 105

4. There are 30 trays of paints in the art room. There are 9 bottles of paint on each tray. Kathleen and Krista want to find the total number of bottles of paint on the trays.
- Kathleen says to multiply  $30 \times 9$ .
  - Krista says to multiply  $9 \times 30$ .

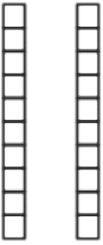
Which student is correct?

- A Kathleen only
  - B Krista only
  - C Both Kathleen and Krista
  - D Neither one is correct
5. Harry bought 10 pencils for himself and each of his two friends. How many total pencils did Harry buy?
- A 30
  - B 22
  - C 12
  - D 5
6. Marilyn collected 20 shells from the shore each morning and 50 each afternoon. How many shells did Marilyn collect in 3 days?
- A 73
  - B 103
  - C 210
  - D 300

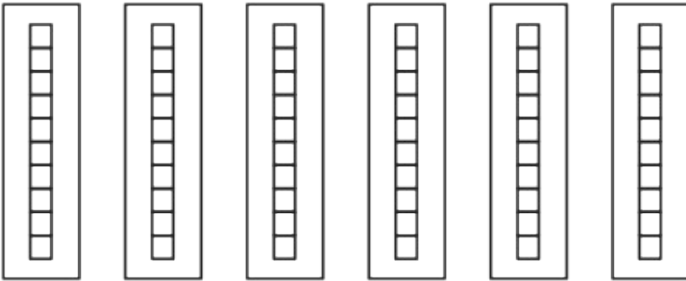
7. Anton has 3 boxes of cookies, and Sara has 5 boxes of cookies. There are 50 cookies in each box. How many more cookies does Sara have than Anton?
- A. 10
  - B. 20
  - C. 100
  - D. 200
8. Mrs. Gomez's class solved the math problem  $40 \times 7$ . Which student answered correctly?
- A. Emma said "The answer is 4 groups of 7."
  - B. Michelle said "The answer is 7 groups of 10."
  - C. Juan said "The answer is 7 groups of 4 tens."
9. Sandy has 50 boxes of books. Each box has 7 books in it. How many total books does Sandy have?
- A. 400
  - B. 350
  - C. 47
  - D. 35
10. Susan bought 3 packages of party invitations. Each package had 20 invitations in it. How many invitations did Susan buy?
- A. 66
  - B. 60
  - C. 23
  - D. 17

11. Susan has 6 cases of water. Each case holds 20 bottles. Which model shows how many bottles of water Susan has?

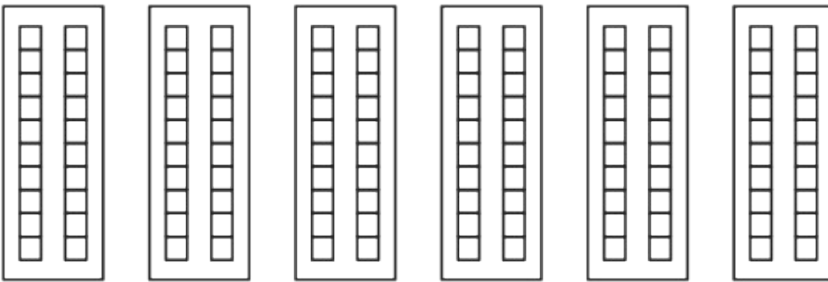
A.



B.



C.



12. Mrs. Taylor has 30 boxes of markers for her students. Each box has 8 markers in it. How many markers does Mrs. Taylor have in all?

- A. 240
- B. 210
- C. 38
- D. 22

13. Liz bought 8 bags of candy. Each bag contained 50 pieces of candy. How many pieces did Liz buy altogether?

- A. 400 pieces
- B. 380 pieces
- C. 58 pieces

14. Ethan bought 6 boxes of superhero trading cards. Each box has 60 cards. How many trading cards does he have?
- A. 360 cards
  - B. 300 cards
  - C. 36 cards
15. Kelly owns a book store. When he buys 9 books for \$7 each he spends \$63. How much money will Kelly spend if he buys 90 books for \$7 each?
- A. \$63
  - B. \$90
  - C. \$441
  - D. \$630
16. Micah bought 7 boxes of envelopes. Each box had 80 envelopes in it. How many envelopes did Micah buy?
- A. 54
  - B. 56
  - C. 540
  - D. 560
17. There are 3 parking lots at the mall. Each lot has 30 cars in it. How many total cars are parked at the mall?
- A. 93
  - B. 90
  - C. 63
  - D. 33

18. Maria has 8 different colors of beads. She has 70 beads of each color. How many total beads does Maria have?
- A. 640
  - B. 560
  - C. 490
  - D. 110
19. Melanie put her stickers into 9 groups of 5 tens. How many total stickers did Melanie have?
- A. 450
  - B. 400
  - C. 55
  - D. 45
20. Mrs. Angelo has 20 students in her class. She asked each student to bring in 4 notebooks. How many total notebooks did the students bring?
- A. 8
  - B. 16
  - C. 24
  - D. 80
21. Which method shows one way to find  $4 \times 20$ ?
- A. Multiply  $4 \times 10$ . Then multiply by 10.
  - B. Multiply  $4 \times 2$ . Then multiply by 10.
  - C. Multiply  $4 \times 10$ . Then add 10.
  - D. Multiply  $4 \times 2$ . Then add 10.

22. Mary bought 9 boxes of pencils. There are 50 pencils in each box. What is the total number of pencils Mary bought?
- A. 59
- B. 450
- C. 590
- D. 4,500
23. Each day, Kim jumps on a trampoline 80 times. She uses the multiplication table to see how many jumps she makes in 5 days.

x	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100

Since the table only goes to 10, what can Kim do to find the total numbers of jumps she makes?

- A. Divide 80 by 5; then multiply by 10.
- B. Multiply  $8 \times 5$ ; then divide by 5.
- C. Multiply  $8 \times 5$ ; then multiply by 10.
- D. Divide 80 by 10; then multiply by 5.



24. There are 30 teams at the soccer tournament. Each team has 9 players. How many soccer players are at the tournament?
- A. 21
  - B. 27
  - C. 240
  - D. 270
25. Beth bought 6 bags of candy. Each bag had 30 pieces of candy in it. How many pieces of candy did Beth buy?
- A. 5
  - B. 36
  - C. 150
  - D. 180
26. What is the product of 7 and 70?
- A. 280
  - B. 460
  - C. 490
27. Jenny has 40 times as many stickers as Sara has. Sara has 7 stickers. How many stickers does Jenny have?
- A. 28 stickers
  - B. 240 stickers
  - C. 280 stickers

28. Cara needs to find the missing number in the equation below.

$$40 \times 3 = ?$$

Which equation has the same missing number as Cara's equation?

A.  $40 + 40 + 40 = ?$

B.  $3 + 3 + 3 = ?$

C.  $40 + 3 = ?$

D.  $4 \times 3 = ?$

29. Chuck earns \$10 dollars a week walking dogs. How much will he earn in 4 weeks?

A. \$6

B. \$14

C. \$40

30. What is the product of 8 and 40?

A. 300

B. 320

C. 340

31. Jill made 9 treat bags for a party. Jill put 40 pieces of candy in each bag. What is the total number of pieces of candy Jill put into the 9 bags?

A. 360

B. 320

C. 49

D. 31

32. Shannon sorts her toy cars into groups of 10. There are 3 groups. How many cars does Shannon have?

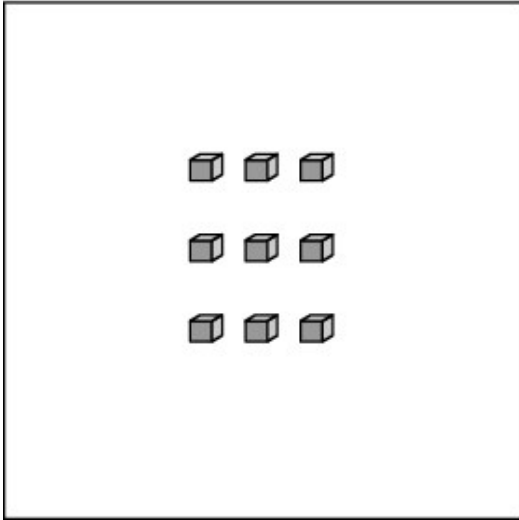
- A. 13
- B. 20
- C. 30

33. Look at the equation below.

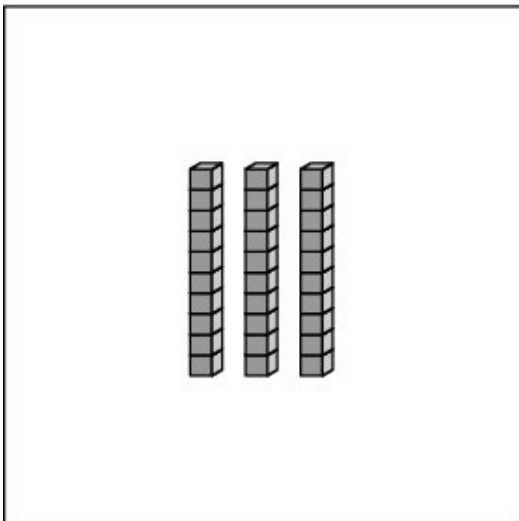
$$30 \times 3 = \square$$

Which model represents the equation?

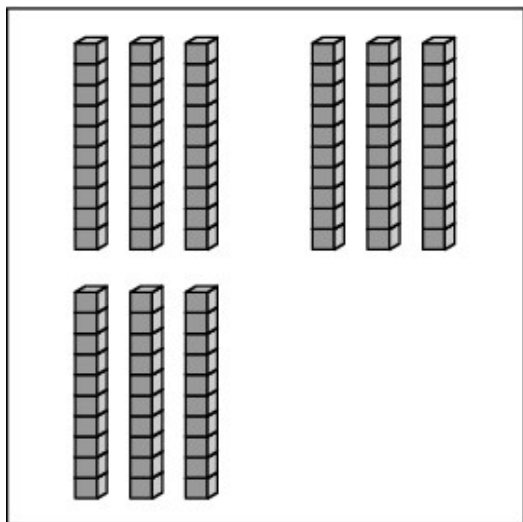
A.



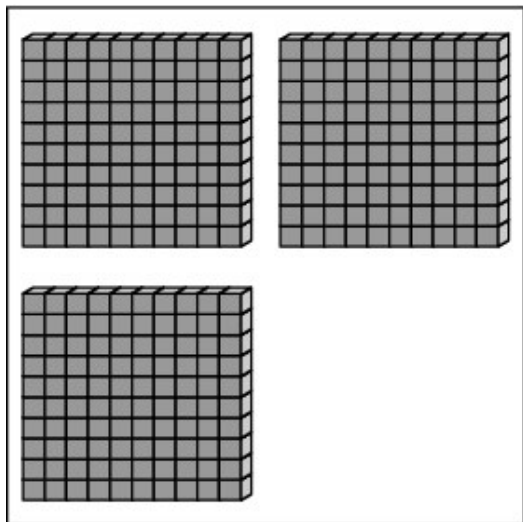
B.



C.



D.



34. There are 80 stores in a mall. Each store has 4 windows. How many windows are in the mall?

- A. 80
- B. 84
- C. 120
- D. 320

35. Which expression means the same as  $7 \times 60$ ?

- A.  $7 \times 6 + 0$
- B.  $7 \times 6 \times 0$
- C.  $7 \times 6 + 10$
- D.  $7 \times 6 \times 10$