

THIRD GRADE
MATH
WEEK OF
4/27/2020

NAME: _____

Name _____



Fill in the bubble for the correct answer choice.

20. A unicycle has only 1 wheel. How many wheels are there on 9 unicycles? (CC.3.OA.5)

- (A) 1
- (B) 9
- (C) 10
- (D) 11

21. Dan and his dad baked some cookies. They put 5 cookies on each of 4 plates. Which number sentence shows how many cookies they put on plates? (CC.3.OA.1)

- (A) $4 \times 5 = 20$
- (B) $4 \times 4 = 16$
- (C) $3 \times 4 = 12$
- (D) $2 \times 5 = 10$

22. Josh has 4 dogs. Each dog gets 2 dog biscuits every day. How many biscuits will Josh need for all of his dogs for Saturday and Sunday? (CC.3.OA.8)

- (A) 4
- (B) 8
- (C) 12
- (D) 16

23. Lacy planted 4 rows of 9 flowers. How many flowers did she plant? (CC.3.OA.3)

- (A) 13
- (B) 35
- (C) 36
- (D) 49

► **Constructed Response**

24. Write a problem that you can use 7×0 to solve.
(CC.3.OA.5)

25. James made this array. Draw another array to show the Commutative Property of Multiplication. Then write a multiplication sentence for each array.
(CC.3.OA.5)



► **Performance Task** (CC.3.OA.1, CC.3.OA.3)

26. Sharon is putting 16 cookies on plates. She will put an equal number of cookies on each plate.

A Draw two quick pictures to show how she could arrange the 16 cookies two different ways. Then write a multiplication sentence to match each drawing.

Picture 1

Picture 2

_____ \times _____ = _____

_____ \times _____ = _____

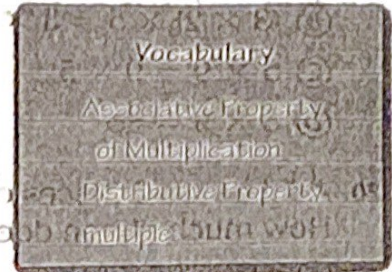
B Explain how you knew what multiplication sentence to write.

Name _____

Chapter 4 Review/Test

▶ Vocabulary

Choose the best term from the box to complete the sentence.



1. The _____ Property of Multiplication states that when the grouping of factors is changed, the product is the same. (p. 155)
2. A _____ of 9 is any product that has 9 as one of its factors. (p. 137)

▶ Concepts and Skills

Use arrays to show each property. (CC.3.OA.5)

3. Distributive Property

Break apart the array to show
 $8 \times 6 = (4 \times 6) + (4 \times 6)$.



4. Associative Property of Multiplication

Circle groups to show $3 \times (2 \times 3)$.



Find the product. (CC.3.OA.3, CC.3.OA.7)

5. $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$

6. $\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$

7. $\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$

8. $\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$

9. $\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$

10. $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$

11. $9 \times 0 = \underline{\hspace{2cm}}$

12. $7 \times 8 = \underline{\hspace{2cm}}$

13. $4 \times 8 = \underline{\hspace{2cm}}$

14. $2 \times 6 = \underline{\hspace{2cm}}$

15. $9 \times 9 = \underline{\hspace{2cm}}$

16. $3 \times 4 = \underline{\hspace{2cm}}$

17. $5 \times 10 = \underline{\hspace{2cm}}$

18. $7 \times 3 = \underline{\hspace{2cm}}$

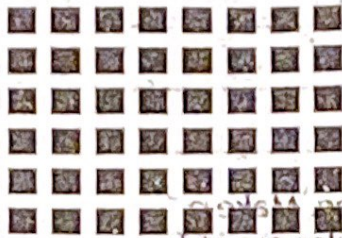
Fill in the bubble for the correct answer choice.

19. Which number sentence is an example of the Distributive Property? (CC.3.OA.5)
- (A) $5 \times 9 = (5 \times 5) + (5 \times 4)$
(B) $(3 \times 2) \times 5 = 3 \times (2 \times 5)$
(C) $5 \times 9 = 9 \times 5$
(D) $5 \times 9 = 45$
20. Adel needs 5 pieces of ribbon, each 8 centimeters long. How much ribbon does she need altogether? (CC.3.OA.3)
- (A) 13 centimeters (C) 35 centimeters
(B) 32 centimeters (D) 40 centimeters
21. When Chloe finds the multiplication facts for 2, which digit will NOT be in the ones place of the products? (CC.3.OA.9)
- (A) 8 (C) 4
(B) 6 (D) 3
22. Vicky went to the store and bought 3 pairs of shorts. They each cost \$8. How much did she spend? (CC.3.OA.7)
- (A) \$3 (B) \$8 (C) \$21 (D) \$24
23. A honeybee is an insect. It has 6 legs. How many more legs do 7 honeybees have than 5 honeybees? (CC.3.OA.3)
- (A) 5 (C) 12
(B) 6 (D) 30
24. Jody has bags of shells. Each bag has 6 shells. She gives 3 bags to each of 2 friends. How many shells did Jody give away? (CC.3.OA.5)
- (A) 36 (B) 18 (C) 12 (D) 6
25. The camping club rents 4 rafts. Each raft can hold 6 people. How many people can 4 rafts hold? (CC.3.OA.3)
- (A) 16 (B) 20 (C) 24 (D) 30

Name _____



26. James made an array with 6 rows of 8 blocks. Which number sentence shows one way to break apart his array to find the product? (CC.3.OA.5)



- (A) $6 \times 8 = (6 + 4) + (6 + 4)$
- (B) $6 \times 8 = (6 \times 4) + (6 \times 4)$
- (C) $6 \times 8 = (3 \times 4) + (3 \times 4)$
- (D) $6 \times 8 = (6 \times 8) + (6 \times 8)$

27. Zach and his dad baked some cupcakes for his class. They put 6 cupcakes on each of 8 plates. How many cupcakes did they put on the plates? (CC.3.OA.7)

- (A) 12
- (B) 14
- (C) 24
- (D) 48

28. Sydnee's class is studying animals that hibernate, or go into a sleep-like state during the winter. A black bear's heartbeat slows to about 9 beats per minute during hibernation. About how many times will a black bear's heart beat in 5 minutes? (CC.3.OA.7)

- (A) 45
- (B) 36
- (C) 18
- (D) 9

► **Constructed Response**

29. Terre was on summer vacation for 7 weeks. She spent 3 weeks at band camp and the rest of the time at home. How many days did she spend at home?

Explain. (CC.3.OA.7)

30. There are 5 pounds of apples in one bag. Make a table to show how many pounds of apples are in 6 bags. How do you know your answer is reasonable?

Explain. (CC.3.OA.8)

► **Performance Task** (CC.3.OA.3, CC.3.OA.7)

31. Haylie and Justin went camping with their families for 7 days. They each took their own bottles of water.

A Haylie drank 6 bottles of water each day. She took home 6 bottles of water. How many bottles of water did Haylie take on the trip? **Explain** your answer.

B Justin had 5 packages with 8 bottles of water in each package. He drank some of the bottles before the trip. During the trip, he drank 5 bottles a day. He drank all the bottles before he went home. How many bottles of water did Justin drink before the trip? **Explain.**

Name _____

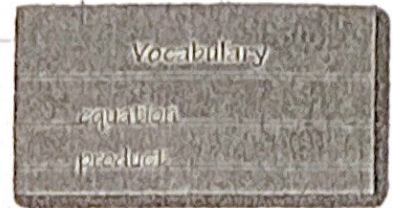
Chapter 5 Review/Test

Vocabulary

Choose the best term from the box.

1. An _____ is a number sentence that uses the equal sign to show that two amounts are equal.

(p. 185)



Concepts and Skills

Describe a pattern in the table. Then complete the table. (CC.3.OA.9)

2.

Tens	1	2	3	4	5
Ones	10	20	30		

3.

Jars	2	3	4	5	6
Pickles	16	24		40	

Find the unknown factor. (CC.3.OA.4)

4. $p \times 6 = 42$

$p = \underline{\hspace{2cm}}$

5. $5 \times s = 15$

$s = \underline{\hspace{2cm}}$

6. $\square \times 9 = 81$

$\square = \underline{\hspace{2cm}}$

Find the product. (CC.3.NBT.3)

7. $6 \times 40 = \underline{\hspace{2cm}}$

8. $3 \times 80 = \underline{\hspace{2cm}}$

9. $4 \times 90 = \underline{\hspace{2cm}}$

10. $\underline{\hspace{2cm}} = 5 \times 50$

11.
$$\begin{array}{r} 30 \\ \times 6 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 20 \\ \times 8 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 60 \\ \times 7 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 80 \\ \times 9 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 40 \\ \times 4 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 70 \\ \times 0 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 90 \\ \times 9 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 20 \\ \times 8 \\ \hline \end{array}$$

Fill in the bubble for the correct answer choice.



19. What number makes the equation true? (CC.3.OA.4)

$$c \times 9 = 27$$

- (A) 2
- (B) 3
- (C) 4
- (D) 6

20. The camping club rents 4 rafts. How many people can 4 rafts hold? (CC.3.OA.9)

Rafts	1	2	3	4
People	8	16	24	<input type="checkbox"/>

- (A) 20
- (B) 26
- (C) 32
- (D) 40

21. The third-grade locker room has 48 lockers. There are 6 lockers in each row. How many rows of lockers are there in the third-grade locker room? (CC.3.OA.4)

- (A) 9
- (B) 8
- (C) 7
- (D) 6

22. Which equation is an example of the Distributive Property? (CC.3.NBT.3)

- (A) $8 \times 20 = 8 \times (10 + 10)$
- (B) $8 \times 20 = 20 \times 8$
- (C) $20 \times 0 = 0$
- (D) $160 = 8 \times 20$

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Name _____



Fill in the bubble for the correct answer choice.

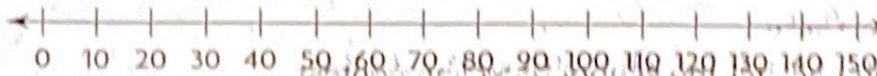
23. Alya planted 20 trays of flowers. Each tray had 6 flowers in it. How many flowers did she plant? (CC.3.NBT.3)

- (A) 80
- (B) 120
- (C) 160
- (D) 180

24. The community center prints a newsletter that uses 4 pieces of paper. How many pieces of paper are needed to print 70 copies of the newsletter? (CC.3.NBT.3)

- (A) 110
- (B) 140
- (C) 210
- (D) 280

25. Use the number line to find 5×20 .
What is the product? (CC.3.NBT.3)



- (A) 100
- (B) 20
- (C) 10
- (D) 5

26. Which of the following describes a pattern in the table? (CC.3.OA.9)

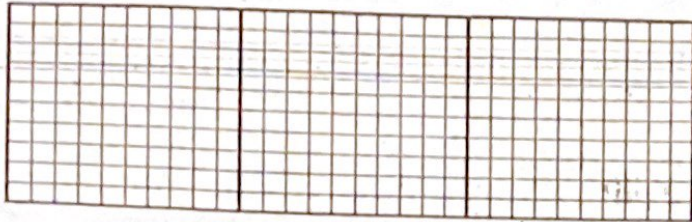
Days	1	2	3	4	5
Minutes	4	8	12	16	20

- (A) Add 3.
- (B) Subtract 3.
- (C) Multiply by 2.
- (D) Multiply by 4.

► **Constructed Response**

27. Devon has 32 books to pack in boxes. She packs 8 books in each box. How many boxes does she need? Write an equation using the letter n to stand for the unknown factor. Explain how to find the unknown factor. (CC.3.OA.4)

28. The bookstore has 6 shelves of poetry books. There are 30 poetry books on each shelf. How many poetry books does the bookstore have? Draw a diagram to show how you can use the Distributive Property to find the number of poetry books. (CC.3.NBT.3)



► **Performance Task** (CC.3.NBT.3)

29. Ruben is collecting cans for the school recycling contest.

He makes two plans to try to collect the most cans.

Plan A: Collect 20 cans a week for 9 weeks.

Plan B: Collect 30 cans a week for 7 weeks.

A Which plan should Ruben choose? _____

B Explain how you made your choice.

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