

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher/Period: \_\_\_\_\_ Final Grade: \_\_\_\_\_ / 100

## Divide and Multiply Beach

Question 1 (Short Answer)

\_\_\_\_\_ / 7

If Billy found 3 seashells by the seashore and each seashell had 2 mini shells inside, how many **mini shells** did Billy find in total?

Answer:

\_\_\_\_\_

Question 2 (True/False)

\_\_\_\_\_ / 6

If Sarah multiplies the 4 starfish she found by 2, she will have 8 starfish. Is this true?

(Use properties of multiplication)

A. True

B. False

Question 3 (Short Answer)

\_\_\_\_\_ / 6

If John has 5 pails and each pail can carry 3 seashells, how many seashells can he carry in total? (Use multiplication to solve)

Answer:

\_\_\_\_\_

Question 4 (Multiple Choice)

\_\_\_\_\_ / 7

Dave has 2 buckets of 3 crabs and 3 buckets of 2 crabs. Does he have the same number of crabs **in total** from both sets of buckets? (Use properties of multiplication)

A. Yes

B. No

C.

D.

Question 5 (Short Answer)

\_\_\_\_\_ / 6

George has counted groups of seagulls  $(4 \times 2) \times 3 = 24$ .

What does  $4 \times 2 \times 3 = ?$

(Use properties of multiplication)

Answer:

\_\_\_\_\_

Question 6 (Multiple Choice)

\_\_\_\_\_ / 7

Lily has 6 groups of 4 starfish. Billy has 4 groups of 6 starfish. Who has more starfish?

(Use properties of multiplication)

A. Lily Has 24 Starfish and Billy Has 20

B. Lily Has 10 Starfish and Billy Has 10

C. They Both Have 24 Starfish

D. Lily Has 30 Starfish and Billy Has 30

Question 7 (Short Answer)

\_\_\_\_\_ / 7

If 6 palm trees each have 5 coconuts, how many coconuts are there in total?

(Use multiplication)

Answer:

\_\_\_\_\_

Question 9 (Short Answer)

\_\_\_\_\_ / 7

Eli saw 5 big waves at the beach, and each wave had 3 surfers on it. How many surfers caught waves in total? (Use multiplication)

Answer:

\_\_\_\_\_

Question 8 (Multiple Choice)

\_\_\_\_\_ / 6

Are 3 umbrellas with 4 beach balls under each the same as 4 umbrellas with 3 beach balls under each one? (Use properties of multiplication)



- A. No
- B.
- C. Yes
- D.

Question 10 (Multiple Choice)

\_\_\_\_\_ / 7

If 7 sandcastles each have 3 flags, and 3 sandcastles each have 7 flags, do both sets of sandcastles have the same number of flags? (Use properties of multiplication)



- A. No
- B. Yes

Question 11 (Multiple Choice)

\_\_\_\_\_ / 7

Using what you know about multiplication, can you find the value of  $7 \times 8$  if you already know  $8 \times 5 = 40$  and  $8 \times 2 = 16$ ?

- A. No
- B. Yes

Question 12 (Short Answer)

\_\_\_\_\_ / 6

If Phil digs 8 holes and puts 4 clams in each hole, how many clams has he placed in the sand? (Use multiplication)

Answer:

\_\_\_\_\_

Question 13 (Multiple Choice)

\_\_\_\_\_ / 7

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If 5 families each bring 4 towels to the beach, do they bring the same number of towels as 4 families each bringing 5 towels?

(Use property of multiplication)

- A. Yes, they have 16 towels in total.
- B. Yes, they have 9 towels in total.
- C. No, they will each have 5 towels.
- D. Yes, they have 20 towels in total.

Question 14 (Short Answer)

\_\_\_\_\_ / 7

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If 9 dolphins each jump over 3 waves, how many times do they jump in total? (Use multiplication)

Answer:

\_\_\_\_\_

Question 15 (Multiple Choice)

\_\_\_\_\_ / 7

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Are 5 groups of 7 turtles the same as 7 groups of 5 turtles?

(Use properties of multiplication)

- A. Yes, there are 49 turtles.
- B. Yes, there are 12 turtles.
- C. Yes, there are 35 turtles.
- D. No, there are 12 turtles.

# Answer Key for Divide and Multiply Beach

1: 6

2: true

3: 15

4: Yes

5: 24

6: They Both Have 24 Starfish

7: 30

8: Yes

9: 15

10: Yes

11: Yes

12: 32

13: Yes, they have 20 towels in total.

14: 27

15: Yes, there are 35 turtles.