Name _____ Date _____

Multiplicative Comparison Word Problems: Times as Many

Directions: These stories all take place at an aquarium. Work out which amount is the bigger one before you multiply or divide.

1. The touch tank at the aquarium holds 7 sea stars. It has 4 times as many hermit crabs as sea stars. How many hermit crabs live in the touch tank?

_____ hermit crabs

2. A young shark is 2 feet long. An eel in the next tank is 6 feet long. Which sentence about the two animals is true?

A. The eel is 3 times as long as the shark.

B. The eel is 3 feet longer than the shark.

C. The eel is 12 times as long as the shark.

D. The eel is 4 times as long as the shark.

3. The oldest sea turtle at the aquarium is 40 years old. That makes the turtle 5 times as old as Pip the penguin. How old is Pip?

_____ years

4. A model whale shark in the aquarium gift shop is 63 inches long. It is 7 times as long as the model clownfish. The letter n stands for the length of the model clownfish in inches. Which equation matches the story?

A. $63 + 7 = n$ B. $n + 7 = 63$ C. $7 \times n = 63$ D. $7 \times 63 = n$

5. The seahorse tank has 9 seahorses and 54 tiny shrimp. There are ? times as many shrimp as seahorses. Find the number that replaces the question mark.

_____

6. One comparison below adds, and the other multiplies. Type the number of jellyfish in each tank.

The small tank holds 7 jellyfish. A tank with 3 more jellyfish than the small tank holds _____ jellyfish. A tank with 3 times as many jellyfish as the small tank holds _____ jellyfish.

7. An octopus weighs 96 pounds, which is 8 times as much as a river otter weighs. How many pounds does the otter weigh?

_____ pounds

8. On Saturday the gift shop sold 8 turtle toys. The number of fish toys it sold was 6 times the number of turtle toys. How many toys of these two kinds did the shop sell on Saturday?

_____ toys