Name_____ Date_____

Working Backwards with Fractions
Word Problems
(4.NF.3)

Directions: Solve the following word problem using numbers, pictures (model drawings), and words. ☺

True again…..If a dolphin's average speed is 2 miles in 1/4 of an hour, how far can a dolphin swim in 1 hr? 5 hrs? 10 hrs?

Answer: _____

Possible ways to calculate the answer…

1 hr= 8 mi

2 mi	2 mi	2 mi	2 mi

There are four quarters (1/4) in an hour. A dolphin swims 2 miles in 1/4 hr. 4 x 2 = 8   A dolphin can swim 8 miles in an hour. To find out how many miles a dolphin can swim in 5 hours, multiply 5 x 8. The product is 40. A dolphin can swim 40 miles in 5 hours. Now for 10 hours, you multiply 10 by 8. 10 x 8 = 80   A dolphin can swim 80 miles in 10 hours.

or

Make a chart…

Time	Distance (mi)
¼ hr (15 min)	2 mi
1 hr	8 mi
5 hr	40 mi
10 hr	80 mi