Name_____ Date_____

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

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

Strange but true….If an ant can run ¼ mi an hour, how long would it take an ant to run 8 miles?

Answer: _____

Name_____ Date_____

Mile 1

1 hr	2hr	3hr	4hr

Mile 2

5hr	6hr	7hr	8hr

Mile 3

9hr	10hr	11hr	12hr

Mile 4

13hr	14hr	15hr	16hr

Mile 5

17hr	18hr	19hr	20hr

Mile 6

21hr	22hr	23hr	24hr

Mile 7

25hr	26hr	26hr	28hr

Mile 8

29hr	30hr	31hr	32hr

It takes an ant 1 hour to travel ¼ miles. There are 4, fourths in a mile. You need to know how long it takes to travel 1 mile to make the problem easier. It takes 4 hours to travel 1 mile. The question asks how many hours does it take to travel 8 miles? You need to multiply 4 x 8. The product is 32. It takes 32 hours for an ant to travel 8 miles.