



Name _____

Date _____

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Multiplication of Whole Numbers

Word Problems

(4.NBT.5)

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

Nicky makes 1,445 steps on her pedometer an hour. If the recommended number of steps in a day is 10,000, can Nicky make the recommended number of steps in 8 hours?

Answer: _____



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KEYAnswer: $1445 \times 8 =$

1000

400

40

5

8

$1000 \times 8 = 8000$	$400 \times 8 = 3200$	$40 \times 8 = 320$	$5 \times 8 = 40$
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$$8000 + 3200 + 320 + 40 = 11560$$

Nicky can make 11,560 steps on her pedometer in 8 hours. The recommended amount in a day is 10,000. 11,560 is greater than 10,000, so she makes more than the recommended amount of steps in a day.