

Name _____

MY Homework

Lesson 1

Estimate Products of Whole Numbers and Decimals

Homework Helper



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Estimate the product of 44.5 and 11.

1 Use compatible numbers.

$$\begin{array}{r} 44.5 \times 11 \\ \downarrow \quad \downarrow \\ 45 \quad 10 \end{array}$$

2 Multiply.

$$45 \times 10 = 450$$

So, 44.5×11 is about 450.

Practice

Estimate each product.

1. $\$27.64 \times 3$

2. 11.9×21

3. 87.2×41

4. 7.7×4

5. $\$63.44 \times 6$

6. 51.7×9

7. 33.3×33

8. $\$17.55 \times 9$

9. 17.6×51



Problem Solving

10. Mathematical PRACTICE 1 **Make Sense of Problems** Andrea earns \$32.25 a day. After 9 days, about how much will she have earned?

11. Janie skates at the local skating rink for about 2.4 hours every day. If the skating rink is open 54 days a year, about how many hours does Janie skate each year?

12. Each Sunday during his nine-week summer vacation, Ray buys a newspaper. The Sunday paper costs \$1.85. About how much does Ray spend on the Sunday newspaper during his vacation?

13. A group of 5 people go to the theater. If each ticket costs \$6.50, is \$50 a reasonable estimate for the cost of 5 tickets? Explain.

14. An amusement park charges \$35.50 for admission. On Saturday, 6,789 people visited the park. About how much money did the park earn from admission that day?

My Work!



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Test Practice

15. In Spanish class, Kevin learns an average of 34.5 new words per month. If he takes Spanish for 9 months, which is the best estimate for about how many words he will learn?

- (A) 350 words (C) 360 words
(B) 355 words (D) 365 words