

Name _____

Models for Multiplying Decimals

Place the decimal point in each product.

1. $3 \times 6.89 = 2067$ _____ 2. $0.3 \times 4.5 = 1350$ _____

Find each product.

3. $14.3 \times 2.1 \times 8 =$ _____ 4. $0.45 \times 100 =$ _____

5. $67.1 \times 0.3 \times 40 =$ _____ 6. $58 \times 4.21 =$ _____

7. Show how to find the product of 16.2×4 using addition.

8. Which activity is 6 times faster than the fastest rowing speed?

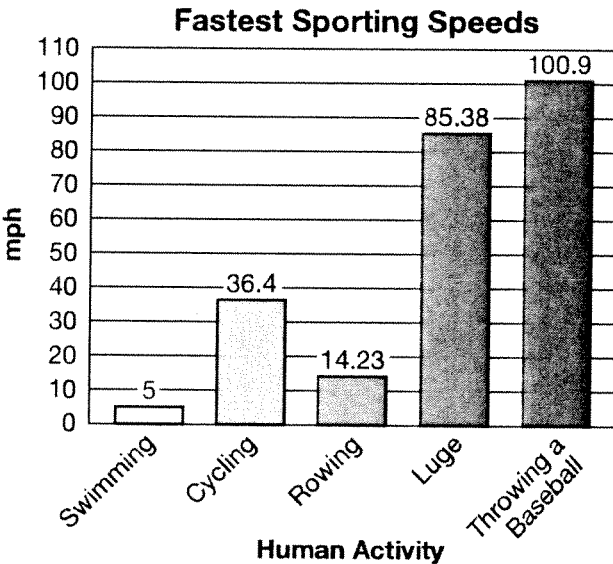
9. The fastest speed a table tennis ball has been hit is 21.12 times faster than the speed for the fastest swimmer. What is the speed for the table tennis ball?

10. How fast would 3 times the fastest rowing speed be?

11. Which is the product of 241.82×3.1 ?

- A 7.498 B 749.642 C 74.958 D 7.5

12. Explain why multiplying 37.4×0.1 gives a product that is less than 37.4.



Name: _____

Multiplication

$0 \times 9 =$	$7 \times 1 =$	$9 \times 7 =$	$0 \times 2 =$
$9 \times 8 =$	$6 \times 3 =$	$9 \times 3 =$	$5 \times 8 =$
$5 \times 8 =$	$5 \times 6 =$	$1 \times 9 =$	$8 \times 7 =$
$1 \times 0 =$	$4 \times 9 =$	$3 \times 4 =$	$4 \times 6 =$
$7 \times 9 =$	$3 \times 4 =$	$6 \times 7 =$	$6 \times 2 =$
$5 \times 9 =$	$3 \times 6 =$	$5 \times 3 =$	$9 \times 1 =$
$1 \times 1 =$	$2 \times 9 =$	$8 \times 9 =$	$5 \times 7 =$
$7 \times 0 =$	$1 \times 1 =$	$0 \times 5 =$	$8 \times 6 =$
$3 \times 0 =$	$0 \times 4 =$	$9 \times 0 =$	$3 \times 5 =$
$9 \times 2 =$	$9 \times 7 =$	$2 \times 6 =$	$6 \times 1 =$
$8 \times 1 =$	$8 \times 9 =$	$4 \times 9 =$	$1 \times 0 =$
$4 \times 3 =$	$7 \times 2 =$	$6 \times 5 =$	$4 \times 6 =$
$0 \times 3 =$	$4 \times 2 =$	$3 \times 8 =$	$7 \times 3 =$
$3 \times 9 =$	$3 \times 4 =$	$6 \times 4 =$	$0 \times 2 =$
$2 \times 1 =$	$2 \times 7 =$	$8 \times 9 =$	$5 \times 8 =$
$8 \times 1 =$	$1 \times 2 =$	$0 \times 5 =$	$8 \times 7 =$
$4 \times 0 =$	$1 \times 5 =$	$0 \times 1 =$	$4 \times 3 =$
$0 \times 2 =$	$7 \times 7 =$	$2 \times 4 =$	$6 \times 2 =$
$6 \times 2 =$	$6 \times 0 =$	$5 \times 0 =$	$2 \times 1 =$
$4 \times 1 =$	$5 \times 2 =$	$4 \times 5 =$	$5 \times 7 =$
$0 \times 3 =$	$4 \times 5 =$	$7 \times 1 =$	$0 \times 6 =$
$6 \times 2 =$	$4 \times 7 =$	$9 \times 7 =$	$3 \times 2 =$
$2 \times 2 =$	$3 \times 0 =$	$1 \times 3 =$	$6 \times 1 =$
$1 \times 4 =$	$2 \times 2 =$	$1 \times 6 =$	$1 \times 7 =$
$7 \times 3 =$	$1 \times 5 =$	$3 \times 1 =$	$4 \times 6 =$