Multiplication with Decimals



Solve the problems.

Tip: Multiply the numbers just as if there were no decimal point. Then, place the decimal point in the answer so it has the same number of decimal places as the decimal factor.

$32 \times 2 = 64$

$3.2 \times 2 = 6.4$

$1.5 \times 2 =$ 3.0	$2.5 \times 4 =$
$3.1 \times 3 =$	$5.02 \times 2 =$
$4.2 \times 3 =$	$1.15 \times 3 =$
$5.1 \times 5 =$	$2.22 \times 2 =$
$1.2 \times 6 =$	$1.12 \times 3 =$

Solve the problems.

Tip: To multiply a decimal by a power of 10, move the decimal point to the right as many places as there are zeros in the power of 10.

$2.15 \times 10 =$	$4.002 \times 100 =$
$3.564 \times 100 =$	$70.254 \times 1000 =$
$22.1 \times 10 =$	$21.02 \times 1000 =$

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Solve the problems.

Tip: Multiply the numbers just as if there were no decimal point. Then, place the decimal point in the answer so it has the same number of decimal places as the decimal factor.

32 × 2 = 64

3.2 × 2 = 6.4

1.5 × 2 = 3.0	2.5 × 4 = 10
3.1 × 3 = 9.3	5.02 × 2 = 10.04
4.2 × 3 = 12.6	1.15 × 3 = 3.45
5.1 × 5 = 25.5	2.22 × 2 = 4.44
1.2 × 6 = 7.2	1.12 × 3 = 3.36

Solve the problems.

Tip: To multiply a decimal by a power of 10, move the decimal point to the right as many places as there are zeros in the power of 10.

2.15 × 10 = 21.5	4.002 × 100 = 400.2
3.564 × 100 = 356.4	70.254 × 1000 = 70,254
22.1 × 10 = 221	21.02 × 1000 = 21,020