

## Divide / Multiply

1. A bunch of expressions! Find the value of them all. Connect the ones with same value.

<b>a.</b> $4 \times 0.2$	<b>b.</b> $0.04 \times 0.2$	<b>c.</b> $0.04 \times 2$	<b>d.</b> $0.4 \times 0.02$
$0.4 \times 0.2$	$0.4 \times 2$	$4 \times 0.02$	$4 \times 2$

2. First find the expressions that have the same value. Then find the value of them all.

$0.17 \times 45$

$1.7 \times 4.5$

$1.7 \times 45$

$17 \times 0.45$

3. We know that  $234 \times 567 = 132,678$ . What is  $2.34 \times 56.7$  ?

4. Write an expression for the situation. Find the total cost.

<p><b>a.</b> Five computer mice (\$6.79 each) and ten mouse pads (\$0.49 each).</p>	<p><b>b.</b> Ten dictionaries \$4.85 each, with 1/5 off discount.</p>
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5. Three packs of transistors and seven packs of capacitors costs all total \$8.70. What is the price of one transistor pack, if one capacitor pack costs \$0.60?

6. Remember, the fraction line means division too. Write as decimals.

**a.**  $\frac{54}{10}$

**b.**  $\frac{143}{10}$

**c.**  $\frac{143}{1000}$

**d.**  $\frac{67}{100}$

**e.**  $\frac{649}{10}$

**f.**  $\frac{839}{100}$

**g.**  $\frac{3087}{1000}$

**h.**  $\frac{750}{100}$

**i.**  $\frac{6407}{10}$

**j.**  $\frac{2097}{100}$

**k.**  $\frac{7601}{1000}$

**l.**  $\frac{209}{100}$

7. When I find  $1/10$  of a number, I divide by \_\_\_\_\_. When I find  $1/4$  of a number, I divide by \_\_\_\_\_.

8. Which expressions have the same value? Find also the value of them all.

**a.**  $10 \times 53$

**b.**  $\frac{1}{10} \times 53$

**c.**  $0.1 \times 53$

**d.**  $0.01 \times 53$