

Divide / Multiply

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

a. 4×0.2 0.4×0.2	b. 0.04×0.2 0.4×2	c. 0.04×2 4×0.02	d. 0.4×0.02 4×2
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2. First find the expressions that have the same value. Then find the value of them all.

0.17×45 1.7×4.5 1.7×45 17×0.45

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

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

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| a. Five computer mice at (\$6.79 each) and ten mouse pads at (\$0.49 each). | b. Ten dictionaries at \$4.85 each, with 1/5 off discount. |
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5. Three packs of transistors and seven packs of capacitors cost a total of \$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.

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|-----------------------------|------------------------------|-------------------------------|-----------------------------|
| 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.** 10×53 **b.** $\frac{1}{10} \times 53$ **c.** 0.1×53 **d.** 0.01×53