

Name:

Date:

Divide / Multiply

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

a. 4×0.2	b. 0.04×0.2	c. 0.04×2	d. 0.4×0.02
0.4×0.2	0.4×2	4×0.02	4×2

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.

a. Five computer mice (\$6.79 each) and ten mouse pads (\$0.49 each).

b. Ten dictionaries \$4.85 each, with 1/5 off discount.

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. $\frac{67}{1000}$
f. $\frac{649}{10}$	g. $\frac{839}{100}$	h. $\frac{3087}{1000}$	i. $\frac{750}{100}$	j. $\frac{750}{10}$
k. $\frac{6407}{10}$	l. $\frac{2097}{100}$	m. $\frac{7601}{1000}$	n. $\frac{209}{100}$	o. $\frac{48}{10}$

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 **e.** $53 \div 10$