### Lesson 5 Practice Problems

* 1. Find the product of each number and $\frac{1}{100}$.
	+ 122.1
	+ 11.8
	+ 1350.1
	+ 1.704
	1. What happens to the decimal point of the original number when you multiply it by $\frac{1}{100}$? Why do you think that is? Explain your reasoning.
1. Which expression has the same value as $\left(0.06\right)⋅\left(0.154\right)$? Select **all** that apply.
	1. $6⋅\frac{1}{100}⋅154⋅\frac{1}{1,000}$
	2. $6⋅154⋅\frac{1}{100,000}$
	3. $6⋅\left(0.1\right)⋅154⋅\left(0.01\right)$
	4. $6⋅154⋅\left(0.00001\right)$
	5. 0.00924
2. Calculate the value of each expression by writing the decimal factors as fractions, then writing their product as a decimal. Show your reasoning.
	1. $\left(0.01\right)⋅\left(0.02\right)$
	2. $\left(0.3\right)⋅\left(0.2\right)$
	3. $\left(1.2\right)⋅5$
	4. $\left(0.9\right)⋅\left(1.1\right)$
	5. $\left(1.5\right)⋅2$
3. Write three numerical expressions that are equivalent to $\left(0.0004\right)⋅\left(0.005\right)$.
4. Calculate each sum.
	1. $33.1+1.95$
	2. $1.075+27.105$
	3. $0.401+9.28$
* (From Unit 5, Lesson 3.)
1. Calculate each difference. Show your reasoning.
	1. $13.2−1.78$
	2. $23.11−0.376$
	3. $0.9−0.245$
* (From Unit 5, Lesson 4.)
1. On the grid, draw a quadrilateral *that is not a rectangle* that has an area of 18 square units. Show how you know the area is 18 square units.
* 
* (From Unit 1, Lesson 3.)



© CC BY Open Up Resources. Adaptations CC BY IM.