## Unit 5 Lesson 5 Cumulative 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 $(0.06)⋅(0.154)$? Select **all** that apply.
	1. $6⋅\frac{1}{100}⋅154⋅\frac{1}{1,000}$
	2. $6⋅154⋅\frac{1}{100,000}$
	3. $6⋅(0.1)⋅154⋅(0.01)$
	4. $6⋅154⋅(0.00001)$
	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. $(0.01)⋅(0.02)$
	2. $(0.3)⋅(0.2)$
	3. $(1.2)⋅5$
	4. $(0.9)⋅(1.1)$
	5. $(1.5)⋅2$
3. Write three numerical expressions that are equivalent to $(0.0004)⋅(0.005)$.
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.
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* (From Unit 1, Lesson 3.)



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