### Lesson 12 Practice Problems

* 1. Select **all** the prisms.
	2. For each prism, shade one of its bases.
	+ 
1. The volume of both of these trapezoidal prisms is 24 cubic units. Their heights are 6 and 8 units, as labeled. What is the area of a trapezoidal base of each prism?
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1. Two angles are complementary. One has a measure of 19 degrees. What is the measure of the other?
* (From Unit 7, Lesson 2.)
1. Two angles are supplementary. One has a measure that is twice as large as the other. Find the two angle measures.
* (From Unit 7, Lesson 2.)
1. Match each expression in the first list with an equivalent expression from the second list.
	1. $7\left(x+2\right)−x+3$
	2. $6x+3+4x+5$
	3. $\frac{-2}{5}x−7+\frac{3}{5}x−3$
	4. $8x−5+4−9$
	5. $24x+36$
	6. $\frac{1}{5}x−10$
	7. $6x+17$
	8. $2\left(5x+4\right)$
	9. $12\left(2x+3\right)$
	10. $8x+\left(-5\right)+4+\left(-9\right)$
* (From Unit 6, Lesson 22.)
1. Clare paid 50% more for her notebook than Priya paid for hers. Priya paid $x$ for her notebook and Clare paid $y$ dollars for hers. Write an equation that represents the relationship between $y$ and $x$.
* (From Unit 4, Lesson 8.)



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