### Lesson 3 Practice Problems

1. Solve each equation mentally.
	1. $2x=10$
	2. $-3x=21$
	3. $\frac{1}{3}x=6$
	4. $-\frac{1}{2}x=-7$
* (From Unit 5, Lesson 15.)
1. Complete the magic squares so that the sum of each row, each column, and each diagonal in a grid are all equal.​
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* (From Unit 5, Lesson 3.)
1. Draw a tape diagram to match each equation.
	1. $5\left(x+1\right)=20$
	2. $5x+1=20$
2. Select **all** the equations that match the tape diagram.
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	1. $35=8+x+x+x+x+x+x$
	2. $35=8+6x$
	3. $6+8x=35$
	4. $6x+8=35$
	5. $6x+8x=35x$
	6. $35−8=6x$
1. Each car is traveling at a constant speed. Find the number of miles each car travels in 1 hour at the given rate.
	1. 135 miles in 3 hours
	2. 22 miles in $\frac{1}{2}$ hour
	3. 7.5 miles in $\frac{1}{4}$ hour
	4. $\frac{100}{3}$ miles in $\frac{2}{3}$ hour
	5. $97\frac{1}{2}$ miles in $\frac{3}{2}$ hour
* (From Unit 4, Lesson 2.)



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