**Weekly Review #37** Name:\_\_\_\_\_\_\_\_\_\_\_\_

Block:\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. An octagon has a perimeter of of 1,115 inches. If all of the sides are equal, how long is each side? | 2. Simplify: $(2x+3x-2x-x)+y$ |
| 3. Mr. Cosma claims the best coffee around is made in his kitchen. The ratio of coffee to water (in grams) is 42:700. Simplify this ratio. | 4. Solve: (0.25)(0.5) |
| 5. Solve AND SHOW WORK. No work= no credit $$$1.5÷30$ | 6. The Sales tax in Boulder, Colorado is 9%...if you bought something for $500 in Boulder, how much would you pay AFTER TAX? 1. $45
2. $450
3. $545
4. $595
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| 7. \_\_\_\_\_\_ is 37% of 450 | 8. Gertrude scored a 75/120 on her test. What would her score be (as a percent) if she made test corrections? |
| 9. Nebraska isn’t the most popular state. About 2 million people live in Nebraska and there are about 320 million people in the US. What percent of the US population lives in Nebraska? | 10. Solve: $\frac{1}{8}+\frac{3}{7}$ |
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