Name: Core: Week of: 2/3/20 – 2/7/20

**Week-By-Week**

**Calculator Inactive:** Please show **ALL** your work and circle your final answer! Thanks!

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| **1.)** What is the value of  ($5^{3}$ – 15) ÷ 5 × $3^{2}$? | **2.)** What is the value of $\left(6r+ \frac{1}{6}\right)^{2}$ when r = 0? |
| **3.)** Patty had a job during summer vacation. She earned $7.25 per hour. She worked 15 hours per week for 6 weeks. How much money did Patty earn? | **4.)** Solve: 775 ÷ 62 |

**Calculator Active:** Please use a calculator, circle your final answer, and show any work necessary for you to be able to check your work.

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| **5.)** Jim will go fishing 24 days this month. If a monthly pass is $44 and a day pass is $3, how much money will he save this month if he buys the monthly pass instead of individual day passes? | **6.)** Find the surface area of the prism below. |
| **7.)** Find the surface area of the triangular prism below. | **8.)** What is the value of *x* when $\frac{1}{4}$*x* 6$\frac{1}{4}$ ? |
| **9.)** Of a squirrel's hidden nuts, for every 15 that get found, there are 13 that do not get found. A squirrel hid 196 nuts all together. How many are never found? | **10.)** John is a quarterback. This year, he completed 350 passes, which is 70% of all the passes he's thrown this year. How many total passes has John thrown this year? |