Week by Week #7 – Due \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Put your final answer in the box.** All work must be shown neatly on a **separate piece of paper**!

NO CALCULATOR – even to check ☺ NO CALCULATOR – even to check ☺

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| --- | --- | --- |
| 1 | Of the numbers $\frac{2}{5},\frac{3}{8},and\frac{1}{10},$ which is the greatest? |  |
| 2 | Of the numbers -0.434, -0.444, -0.344, and -0.343, which is the greatest? |  |
| 3 | **Write an equation for the situation. Do not solve.**A number less than 8 is equal to 14. |  |
| 4 | **Write an equation for the situation. Do not solve.**Two consecutive numbers whose sum is 42. |  |
| 5 | **Write an equation for the situation. Do not solve.**Together, a lamp and chair cost $64. The chair costs 3 times as much as the lamp. |  |
| 6 | **Write an equation for the situation. Do not solve.**A cell phone company charges $30 each month plus $0.25 per minute. Your cell phone bill for October was $37.25. |  |

**Put your final answer in the box.** All work must be shown neatly on a **separate piece of paper**!

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| 7 | $$j —\left(-16\right)=-20$$ |  |  | 14 | $$\frac{v}{2.8}= -4.12$$ |  |
| 8 | $$\frac{f}{8}=24$$ |  |  | 15 | $$0.05y=-12.2$$ |  |
| 9 | $$1414=-7r$$ |  |  | 16 | $$y-\left(-4.2\right)= 17.4$$ |  |
| 10 | $$z+\left(-26\right)= 54$$ |  |  | 17 | $$-\frac{3}{5}r=-\frac{1}{8}$$ |  |
| 11 | $$b—60=-24$$ |  |  | 18 | $$5\frac{1}{3}+ y= -7\frac{4}{9}$$ |  |
| 12 | $$h-24= -22$$ |  |  | 19 | $$-5x= -\frac{2}{3}$$ |  |
| 13 | $$7.8+b=-20.2$$ |  |  | 20 | $$t-\frac{1}{4}= -1\frac{1}{6}$$ |  |