Week by Week #5 – Due \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

All work must be shown neatly on a **separate piece of paper**!

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

|  |  |  |
| --- | --- | --- |
| **1** | The outside temperature is -3oF and falling at a rate of 2 degrees per hour. What will the temperature be in 5 hours? |  |
| **2** | During one week in January, the daily low temperatures in Chicago were 14oF, -6oF, -3 oF, 5 oF, and -20 oF. What was the average daily low temperature in Chicago for those days? |  |
| **3** | A man worked for 5 consecutive days for 8 hours, $7\frac{1}{2} hours, 8\frac{1}{4}hours, 6\frac{1}{2}hours, $and $6\frac{3}{4}$ hours. How much money will he earn for the 5 days if he makes $15.50 per hour? |  |
| **4** | The stock prices for an oil company were $-\frac{7}{8}, -1\frac{1}{8},-\frac{5}{8},and\frac{1}{8}$. What is the average daily change of the stock price? |  |
| **5** | Each month, Alan’s cable company automatically deducts $87 from his bank account. What will be the result on his bank account’s balance after 1 year? |  |
| **6** | What is the coefficient of *x* when the expression -4(-3x – 6) + 2x – 5 is simplified? |  |
| **7** | Jose, Mark, and Ali delivered newspapers after school. If Jose delivered 35%, Mark delivered 0.29, and Ali delivered $\frac{9}{25}$, who delivered the most? |  |
| **8** | Evaluate if a = 3, b = -5, and c = -7 -3a + ac – c + b |  |
| **9** | 0.12 ÷ 0.08 |  |  | **15** | -18 + 3.56 |  |
| **10** | 5.35 × 6.8 |  |  | **16** | $$-4\frac{1}{2} ÷3\frac{3}{5} $$ |  |
| **11** | LCM of 8 & 14 |  |  | **17** | 4.08 ÷ 0.12 |  |
| **12** | GCF of 36 & 24 |  |  | **18** | -30.25 – 2.54 |  |
| **13** | $$-2\frac{5}{6} - 3\frac{4}{5}$$ |  |  | **19** | Write an expression for:The quotient of *x* and 7 |  |
| **14** | 40 inches = ? ft ?in |  |  | **20** | 4 years = ? days |  |