Week by Week #8 – 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 ☺

|  |  |  |
| --- | --- | --- |
| 1 | **Write an equation. Do not solve.**  5 times the sum of a number and negative 12 is equal to -40 |  |
| 2 | **Write an equation. Do not solve.**  The sum of three consecutive numbers is equal to 192. |  |
| 3 | **Write an equation. Do not solve.**  The Nile River is 6690 kilometers long. This is 394 kilometers longer than the Amazon River. How long is the Amazon River? |  |
| 4 | **Write an inequality for the situation.**  The temperature will be less than 80 degrees. | x |
| 5 | **Write an inequality for the situation.**  There are fewer than 10 students in the class | x |
| 6 | **Write an inequality for the situation.**  The maximum temperature will be 65 degrees | x |

**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 ☺

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 7 |  |  |  | 14 |  | j |
| 8 |  |  |  | 15 |  | f |
| 9 |  |  |  | 16 |  | r |
| 10 |  |  |  | 17 |  | z |
| 11 |  |  |  | 18 |  | b |
| 12 |  |  |  | 19 |  | h |
| 13 |  |  |  | 20 |  | x |