

## Homework Week 5

### Monday

1)  $-9 - 8 - (-14) =$

2)  $-12 + (-11) + 9 =$

3)  $10 - (-10) + (-14) =$

4) When Sawyer went to sleep, the temperature outside was  $-2^{\circ}\text{F}$ . The temperature dropped  $15^{\circ}\text{F}$  overnight. What was the temperature when Sawyer awoke?

5) In the Sahara Desert one day it was  $136^{\circ}\text{F}$ . In the Gobi Desert a temperature of  $-50^{\circ}\text{F}$  was recorded. What is the difference between these two temperatures?

6)  $\frac{4}{9} - \frac{2}{3} =$

### Tuesday

1)  $-12 + -3 + -10 =$

2)  $-5 + (-5) - (-5) =$

3)  $-9 - (-8) - 4 =$

4)  $3 + (-4) + (-2) - 4 =$

5) A mine worker is in a tunnel 25 feet below the ground. He descends another 13 feet. What is his final position?

6) Rosa was hiking near the Dead Sea. She began her hike at an elevation of -600 feet and ended the hike at 92 feet. What was the change in her elevation?

7)  $\frac{2}{7} - 3\frac{1}{3} =$

## Wednesday

1. $-\frac{2}{3} + \left(-\frac{4}{5}\right)$	2. $3\frac{1}{2} - 4\frac{2}{3}$	3. $5\frac{2}{3} - \left(-\frac{1}{4}\right)$
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4)  $-2 - 9 + 2 - 4 - (-15)$

5) Metal mercury at room temperature is a liquid. Its melting point is  $-39^{\circ}\text{C}$ . The freezing point of alcohol is  $-114^{\circ}\text{C}$ . How much warmer is the melting point of mercury than the freezing point of alcohol?

6) A submarine was situated 800 feet below sea level. If it ascends 250 feet, what is its new position?

## Thursday

1. $\frac{9}{10} - 2\frac{3}{4}$	2. $6\frac{1}{3} + \left(-1\frac{1}{2}\right)$	3. $1\frac{2}{7} - \left(-\frac{4}{5}\right)$
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4)  $-8 + 9 - (-7) + 12 + (-10)$

5) The Punic Wars began in 264 B.C. and ended in 146 B.C. How long did the Punic Wars last?

6) A submarine was situated 450 feet below sea level. If it descends 300 feet, what is its new position?