Monday

1. Evaluate each expression.
a) –9(3+4) – (–5)   b) $(-4)^2 + 10 \cdot 2$

2. At 4am the temperature outside was -38 °F . By 4pm it rose 28 degrees. By 9pm it dropped 12 degrees. What was the temperature at 9pm? **Use a mathematical expression to show your work.**

3. Evaluate each expression.
   a) $-1\frac{1}{6} + 2\frac{2}{3}$ b) $4\frac{1}{2} - 7\frac{7}{8}$ c) $-8 \div \frac{1}{4}$ d) $\frac{-15+3}{-5+7}$

4. At the grocery store, you bought 4 boxes of cereal and a carton of strawberries. The carton of strawberries costs $2.89. The bill came to a total of $12.25. How much was one box of cereal? **Write an equation to represent the problem.**

Tuesday

1. Evaluate each expression.
   a) $(-6)^2 + 3^3 - 7$ b) $(2^3 + 8) -5 \cdot 4 - 5^2$

2. The stock market lost 56 points on a Monday, but rebounded the next day, gaining 28 points. What was the total change in points? **Use a mathematical expression to show your work.**

3. A submarine starts at the surface of the Pacific Ocean and descends 60 feet every hour. What integer expresses the submarine's depth in feet after 6 hours?

4. Evaluate each expression

   a) $-\frac{5}{6} - (-\frac{1}{6})$ b) $-18 \cdot (-\frac{7}{12})$ c) $-4.03 + 5.12 - (-6.34) + \frac{1}{5}$

Wednesday

1.)Evaluate each expression

   a) $-5 \cdot 7 + 10^2 \cdot \frac{1}{2}$ b) $6 \cdot (3-5)^2 + 8$ c) $31 - 8 \div (8-6) \cdot 7 + 2$

2.) A skydiver falls at approximately 10 meters per second. Write a number sentence to express how many meters he will fall and 40 seconds.

3.) In the first 20 seconds, a new roller coaster carries its passengers up a 100 meter hill, plunges them 72 meters down and quickly takes them back up a 48 meter rise. How much higher or lower from the start of the ride are they after these 20 seconds?

4.) Compare with <. > or = $(-4 \div 4)$ _ _ _ $|-7 - 7|$

Thursday

1.) Evaluate each expression

   a) $-\frac{3}{22} - \frac{7}{22} - \frac{1}{22}$ b) $-\frac{2}{9} \div \frac{5}{6}$ c) $14 - 8 + 3 + 8 \cdot (24 \div 8)$

   d) $20 - 3 \cdot 6 + 10^2 + (6 + 1) \cdot 4$ e) $35 - 12 \div (9-6) \cdot 7 + 6$

2.) A child is playing with blocks and wants to build a house with a roof. The pieces to build the roof are $\frac{3}{4}$ inch wide. The entire roof will be $7\frac{1}{2}$ inches wide. How many pieces laid side by side will cover the width?