Name $\qquad$

## RATIONAL NUMBERS \#2

Directions: Use any of the rational numbers/symbols below to create an expression that can be used to solve each particular situation. You may use each number/symbol more than once, or not at all.

| -2 | 4 | -8 | 16 | $\boxed{+}$ | - | $\times$ | $\div$ | 2 | -4 | 8 | -16 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

1) A cookie jar contains 16 cookies. Carlos ate 8 of the cookies. How many cookies are left in the jar?
2) Noah's bank account has a balance of $\$ 16$. He made three withdrawals of $\$ 8$. What is the current balance on his bank account?
3) Mason's football team was 2 yards behind the line of scrimmage. They gained 4 yards on the next play. How many yards are they away from the line of scrimmage now?
4) The temperature dropped 2 degrees on each day from Monday-Thursday? How many degrees did the temperature drop altogether?
5) There were 8 cookies in the cookie jar. Olivia and her sister each ate 4 cookies. Their mom baked 16 more cookies and put them in the jar. How many cookies are in the cookie jar now?
6) Jackson had $\$ 8$ in his bank account. On Monday, he withdrew $\$ 16$. On Tuesday, he deposited $\$ 8$. What is the current balance on is account?
7) Ethan's football team lost 16 yards on 4 consecutive plays. What was their average loss on each play?
8) Over the last two days, the temperature dropped a by total of 8 degrees If the temperature fell by the same amount each day, how many degrees did the temperature fall each day?
