Name: $\qquad$

### 2.2 Multiplying Integers Using Rules

Note: To multiple integers, multiple the numbers together to get the digit of your answer. Use your sign rules to determine the sign of your answer.

Sign Rules:


Examples:

1. $(-5) \times(-8)=+40$
2. $(-6) \times(+9)=-54$
3. $(+3) \times(-7)=-21$
4. $(+11) \times(+11)=+\mid 21$
5. $(-34) \times(+56)=-1904$


Problem:
Brock earns $\$ 24$ per day for 10 days for his newspaper route.
He spends $\$ 8$ per day for 10 days on school lunches.
How much money does he have left?

$$
\text { earns: }(+24) \times(+10)=+240
$$

Spends: $(-8) \times(+10)=-80$
Left: ' 2140

$$
\$ \begin{array}{r}
-80 \\
160
\end{array}
$$

