**Integer Multiplication Problems**

1. Every day after school Owen goes to the store to buy some healthy snacks to eat. If the snacks cost $4, how much money will he have used after 2 weeks?

1. The temperature in Ottawa fell 3°C every hour between 8pm and 11pm. What was the change in temperature?

1. Sarah has a job babysitting in the summer for $20 each day. In the last week of July she gets a cold and cannot work for 3 days. How did her cold affect her earnings?

1. An airplane is coming in for landing, and is descending at a rate of 15m every second. What was the plane’s altitude 6 seconds before it landed?

Integer Multiplication Problems - **ANSWERS**

1. Every day after school Owen goes to the store to buy some healthy snacks to eat. If the snacks cost $4, how much money will he have used after 2 weeks?

(- 4) x (+10)

 = (- 40) **∴** He will have spent $40 over those 10 days.

1. The temperature in Ottawa fell 3°C every hour between 8pm and 11pm. What was the change in temperature?

(- 3) x (+3)

 = (- 9) **∴** The temperature dropped 9 degrees in three hrs.

1. Sara babysat in the summer for $20 / day. In the last week of July she got a cold & could not work for 3 days. How did her cold affect her earnings?

(+20) x (- 3)

 = (- 60) **∴** Sara was unable to earn $60 due to illness.

1. An airplane is coming in for landing. It is descending at a rate of 15m / second. What was the plane’s altitude 6 seconds before it landed?

 (- 15) x (- 6)

 = (+90) **∴** The plane was at 90m above the ground before

 descending.