

Name:

Answers!

Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Question 01

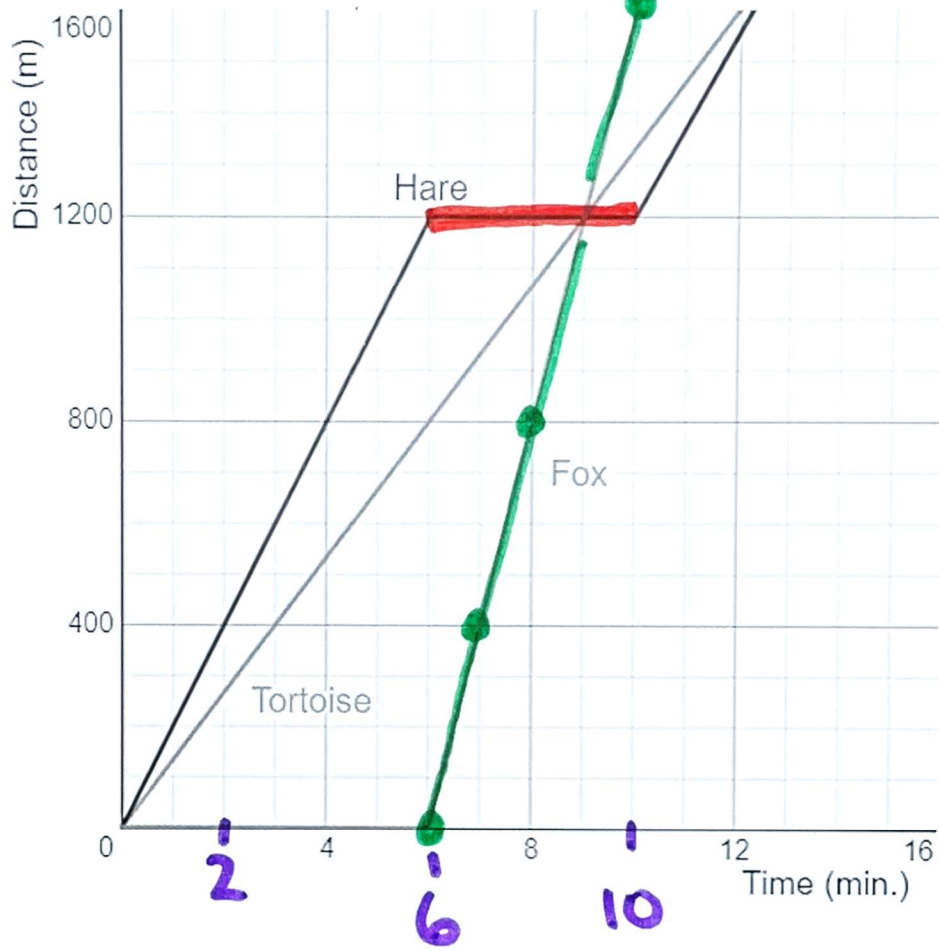
Part 1 When is the Hare moving at 0 meters per minute?

$$6 \leq x \leq 10$$

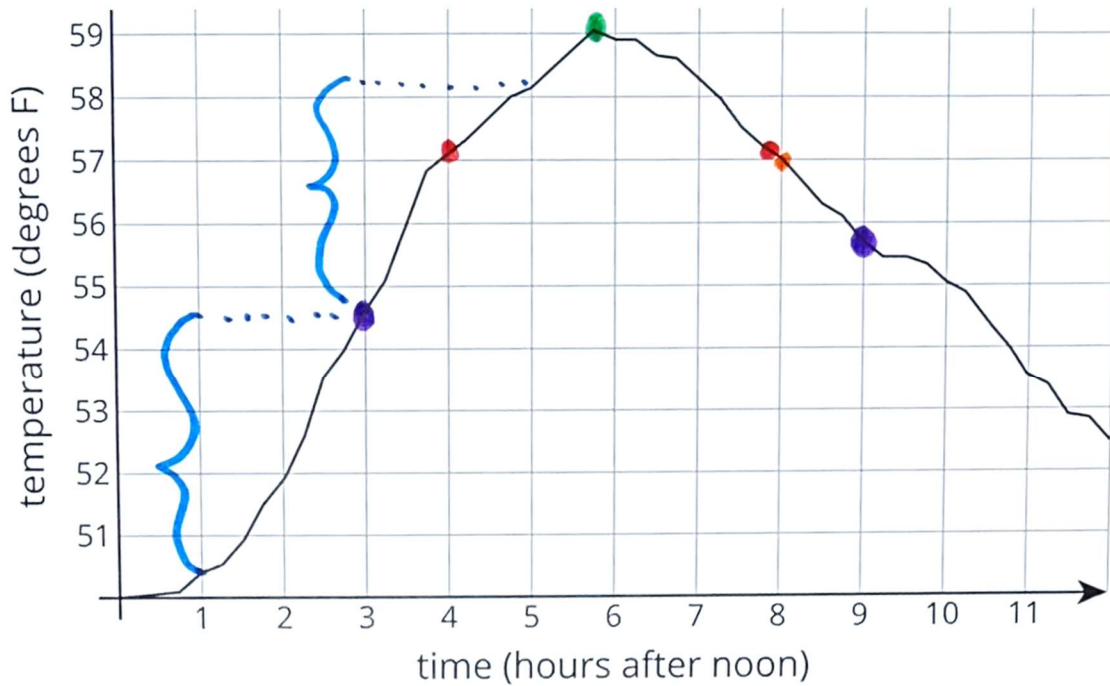
Part 2 When is the Fox moving at 400 meters per minute?

$$6 \leq x \leq 10$$

} between 6 and 10 minutes!



Question 02



1) Was it warmer at 3:00 p.m. or 9:00 p.m.?

9 pm

2) Approximately when was the temperature highest?

5:45 pm

3) Find another time that the temperature was the same as it was at 4:00 p.m.

about 7:50 pm

4) Did the temperature change more between 1:00 p.m. and 3:00 p.m. or between 3:00 p.m. and 5:00 p.m.?

$54.5 - 50.5 = 4.0$     $58.2 - 54.5 = 3.7$    between 1pm & 3pm is greater change!

5) Does this graph show that temperature is a function of time, or time is a function of temperature?

Temp as function of time! Y as function of X.

6) When the input for the function is 8, what is the output? What does that tell you about the time and temperature?

input 8 has output 57.  
This means at 8pm the temperature was 57 degrees.