

Activity #1

	Turtle->	<-Turtle	Rabbit	Use a Worksheet to Do This
1.	20	20	--	Predict the turtle's time over and back.
2.	--	--	25	Predict the rabbit's time over and back.
3.	20	50	--	Predict the turtle's time over and back. Explain.
4.	40	50	--	Predict the turtle's time over and back. Explain.
5.	--	--	40	Predict the rabbit's time over and back. Explain.
6.	20	30	--	Predict the turtle's time over and back. Explain.
7.	40	20	25	Predict who will win. Explain.
8.	30	40	35	Predict who will win. Explain.

Activity #2

Figure out a speed to give the Rabbit so that it goes Over and Back in the indicated amount of time.

Rabbit's Speed

Time

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

- 5 sec
- 10 sec
- 8 sec
- 6 sec
- 7 sec
- 6.5 sec
- 7.5 sec
- 8.3 sec

Activity #3

Figure out what speeds to put in the blanks so that the turtle and the rabbit will tie.

Turtle->	<-Turtle	Rabbit	Distance
20	40		100
	70	30	100
52		40	100
20	40		200
	70	30	200
52		40	200

After you have figured what numbers to put in the blanks, do this:

- 1) Describe the arithmetic you will do tomorrow when you are given the turtle's over-speed, the turtle's back-speed, and the length of the track, and you are asked to enter a number for the rabbit's speed that will make the turtle and rabbit tie.
- 2) Describe the arithmetic you will do tomorrow when you are given the turtle's over-speed, the rabbit's speed, the length of the track, and you are asked to find a number for the turtle's back-speed that will make the rabbit and turtle tie.

Activity #4

John traveled 35 miles per hour for 100 miles and 44 miles per hour for 50 miles. What questions can you answer about John's trip? Answer them.

Sue paid \$9.46 for Yummy candy bars at \$0.43 per bar, and she paid \$6.08 for Zingy candy bars. Sue bought 38 of these candy bars. What was the price of a Zingy candy bar?

Worksheet for Activity #____, Problem #_____

Scratch work:

Prediction:

Explanation: