Speed& Time Problems

Investment Problems & Work Problems

Name: _____ Nos: __ Grade: __ Room Nos: __

1. A 545-kilometer, 5-hour trip to Town A was driven at two speeds. The car's speed is 105 kilometers per hour on the first part of the trip and 115 kilometers per hour for the second part. How long did the car drive at each speed?

2. Two runners start at the same point and travel in opposite directions. One runner travel 6 kilometers per hour slower than the other. If the two runners are 76 kilometers apart after 2 hours, what is their speed?

3. Matthew received 30,000 as a gift from his parents. He then put part of the money in an account which offers 6% interest and the rest into stocks paying 7%. If the total income is 2,000 baht, how much did he invest in stocks?

4. Ana invested 15,000, some at 8% and the rest at 7%. If she wants to earn 1,110 baht, how much should she invest at each rate?

5. Chris and Ben have to stuff and mail 1000 envelopes for a new marketing campaign. Ben can do the job alone in 6 hours. If Chris helps, they can get the job done in 4 hours. How long would it take Chris to do the job by himself?

LIVEWORKSHEETS

6. It takes Shane 10 hours to pick bushels of apples. Kayla can pick the same amount in 12 hours. How long will it take if they work together?

8,000	16	5.45	20,000	4.74
12	6,000	22	10,000	

LIVEWORKSHEETS