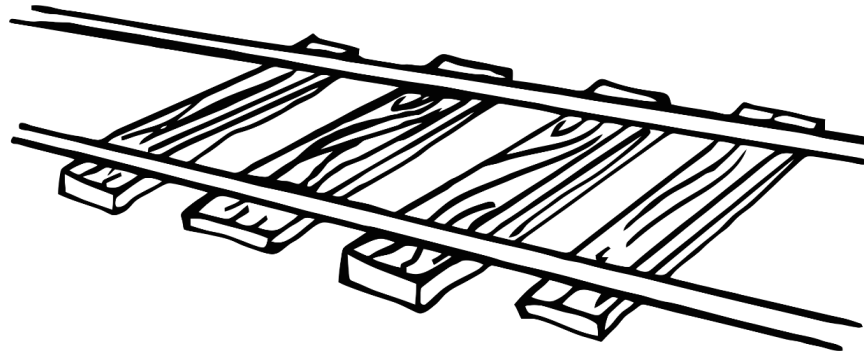


By the Shores of Silver Lake Math Week 3



Pa's job in the book 'By the Shores of Silver Lake' was to make out time-checks for the men working on the railroad. He would count up the days that each man had worked and then figure up how much each man had earned.

He would then figure up how much each man owed for purchases from store, his board-bill, and his bill from the cook-shanty. This amount was then subtracted from each man's wages and he would be paid what was written on his time-check.

This was an important job and Pa had to be certain that his math was accurate.

For this worksheet we will assume that each man earned \$1.00 a day. Use the information provided in the word problems to figure up how much each man would get paid on his payday. *Use a separate sheet of paper to figure up the problems.*

Example: Will

Time-check: \$ 4.25

- a. Days Worked: 8*
- b. Store Charges: \$1.00*
- c. Board-Bill: \$1.75*
- d. Cook-Shanty: \$1.00*

Solution:

$$8 \text{ days} \times \$1.00/\text{day} = \$8.00 \text{ (wages)}$$

Store Charges + Board-Bill + Cook-Shanty = deductions

$$\$1.00 + \$1.75 + \$1.00 = \$3.75 \text{ (deductions)}$$

Wages – deductions = Time-Check

$$\$8.00 - \$3.75 = \$4.25$$

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1. Bill: Time-check: \$ _____

- e. Days Worked: 10
- f. Store Charges: \$1.00
- g. Board-Bill: \$2.75
- h. Cook-Shanty: \$2.50

2. Sam: Time-check: \$ _____

- a. Days Worked: 12
- b. Store Charges: \$3.50
- c. Board-Bill: \$3.00
- d. Cook-Shanty: \$0.50

3. Michael: Time-check: \$ _____

- a. Days Worked: 5
- b. Store Charges: \$0.75
- c. Board-Bill: \$1.25
- d. Cook-Shanty: \$1.50

4. Tom: Time-check: \$ _____

- a. Days Worked: 14
- b. Store Charges: \$3.00
- c. Board-Bill: \$1.00
- d. Cook-Shanty: \$6.00

5. Henry: Time-check: \$ _____

- a. Days Worked: 7
- b. Store Charges: \$1.50
- c. Board-Bill: \$0.75
- d. Cook-Shanty: \$2.00