

A. Hourly Rate of Pay: (including calculating overtime)

Calculate the gross pay (earnings before deductions) for the following employees of The Math Company: Show all steps to your work and calculate the overtime pay at time and a half.

	M	T	W	Th	F	S	Total Hours	Rate per Hour	Gross Pay
1.) Anna:	8	8	$8\frac{1}{2}$	$9\frac{1}{4}$	$8\frac{1}{4}$	10		\$9	
2.) Nathan:	$9\frac{1}{2}$	$8\frac{1}{4}$	10	$8\frac{1}{4}$	9	8		\$7.50	
3.) Wendy:	8	8	8	8	8	8		\$10.00	
4.) Maggie:	7	$8\frac{1}{2}$	$9\frac{1}{2}$	$8\frac{1}{4}$	9	6		\$7.70	

B. The Math Company decided to pay some of its workers on piece rate scale:

1.) Ryan is paid a straight piece rate for the number of mathematics exercises he solves: The rate is \$.36 per exercise completed. He completes 49 exercises. What is his wage for the day?

2.) Laura works for The Math Company under the differential pay schedule. She is paid according to the schedule below. If she solves 49 exercises, what will be her wage?

Exercises Completed	Amount per Exercise
1-20	\$0.30
21-30	\$0.40
31-40	\$0.50
41-50	\$0.60

C. Commission:

1. Straight Commission with Draw:

Janet is paid on a straight commission scale of 15% on her net sales (total sales less returns). In October, Janet had total sales of \$45,000. The Math Company had given Janet a \$500 draw in October and she had \$1,000 in sales returned. What is Janet's gross pay?

2. Variable Commission Scale:

Debra is paid on a Variable Commission Scale based on the schedule below: Her net sales last month were \$120,000. What is Debra's gross pay based on this schedule?

Up to \$40,000	3%
Excess of \$40,000 to \$50,000	5%
Over \$50,000	7%

3. Salary Plus Commission:

The Math Company pays Eric a \$2,500 a month salary plus a 2% commission for sales over \$20,000. In October, Eric's net sales were \$50,000. What is Eric's gross pay for October?