

Student _____

Date _____

Class _____

Instructor _____

SECTION 1-4 Piecework

Some jobs pay on a piecework basis. You are paid for each item of work that you produce.

$$\text{Total Pay} = \text{Rate per Item} \times \text{Number Produced}$$

- Alva Nunez is a punch press operator for Drummond Machine Company. She earns \$0.95 for every molding she presses. What is her total pay for a week in which she presses 310 moldings? _____
- Keiji Kuroki delivers newspapers for *The Toledo News*. He is paid \$0.06 for every daily paper (Mon.–Fri.) he delivers and \$0.50 for every Sunday paper. What is his pay for a week in which he delivers 574 daily papers and 165 Sunday papers? _____
- Odell Gleaves delivers Danberry Real Estate calendars to town residents after school. He is paid \$0.074 for each calendar he delivers. What is his total pay for a week in which he delivered the following number of calendars? _____

Mon.	Tues.	Wed.	Thurs.	Fri.
100	130	145	138	210

- During the spring Nina Milling assembles bicycles at The Wheeler Dealer. She is paid \$10.00 for each bicycle assembled during a regular work week, \$14.00 for each bicycle assembled on a Saturday, and \$16.00 for each bicycle assembled on a Sunday. What is her total pay for a week in which she assembled the following number of bicycles? _____

Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
4	7	6	10	8	4	5

- You are a packer for Acme Bottling Company. You fill cartons with bottles, seal the cartons, and stack them on pallets. Monday through Friday you are paid \$0.41 for each carton you fill. On Saturday you are paid an additional \$0.21 for each carton you fill. What is your total pay for a week in which you filled the following number of cartons? _____

Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
210	175	224	160	216	90

- You work in the upholstery department of a furniture factory. You are trained to upholster couches, loveseats, and chairs. You receive \$105 for each couch, \$85 for each loveseat, and \$65 for each chair. During the last 4 weeks you upholstered 5 couches, 6 loveseats, and 5 chairs.
 - What is your total pay for the 4 weeks? _____
 - If you worked 160 hours, what was your hourly rate? _____

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SECTIONS 1-6, 1-7 Commission and Graduated Commission

A commission is an amount of money that you are paid for selling a product or service. Your commission rate may be a specified amount of money for each sale or it may be a percent of the total value of your sales. A graduated commission offers a different rate of commission for each of several levels of sales.

$$\text{Commission} = \text{Commission Rate} \times \text{Total Sales}$$

$$\text{Total Graduated Commission} = \text{Sum of Commissions for All Levels of Sales}$$

1. Jermain Oberlin sells cleaning supplies. He received a straight commission of 12 percent of the selling price of each item sold. What commission will he receive for selling \$2,591.67 worth of cleaning supplies? _____
2. Filipa Robarge sells cosmetics. Her commission is 30 percent of the selling price of every item she sells. What is her commission when she sells cosmetics totaling \$717.53? _____
3. You sell storm windows and doors. You receive a straight commission of 8 percent of the selling price of each storm window and 12 percent of the selling price of each door. What total commission will you receive for selling storm windows worth \$5,400 and doors worth \$790? _____
4. Audrey Sanders sells sports equipment. She is paid a commission of 5.14 percent of her first \$1,500 in sales during the week and 10 percent on all sales over \$1,500. What is her commission in a week during which she sells \$2,510 worth of sports equipment? _____
5. Jasper Carrott sells farm chemicals. He is paid a commission of 9 percent of his first \$6,000 in sales during the month and 14 percent on all sales over \$6,000. What is his commission in a month in which he has sales worth \$16,120? _____
6. Miguel Valdez sells appliances. He is paid an 8 percent commission on the first \$2,000 worth of sales, 10 percent on the next \$2,500, and 15 percent on all sales over \$4,500. What is his commission on \$4,910 worth of sales? _____
7. Cho Sasaki demonstrates microwave ovens at the National Home Show. She is paid \$7 each for the first 7 demonstrations and \$11 for each demonstration over 7. What is her commission for a day in which she makes 12 demonstrations? _____
8. You are paid a commission plus \$5.40 per hour with time and a half overtime for all hours over 8 per day. Your commission consists of 4 percent of the first \$3,000 in sales and 5 percent on all sales over \$3,000. Find your gross pay for a week in which you worked 9 hours on Monday, 8 hours on Tuesday, 11 hours on Wednesday, 9 hours on Thursday, 10 hours on Friday, and 8 hours on Saturday. Your total sales for the week were \$4,115. _____
9. You are the sales manager for Solar Panel Company. You receive a commission based on the total sales of all the salespeople you manage. Your commission is 2 percent of the first \$80,000 of sales, 4 percent of the next \$80,000, and 5 percent of all sales over \$160,000. What is your commission for a month in which your salespeople sold \$242,100 in solar panels? _____