

# Salary

## EXAMPLE

Wynell is quoted an annual salary of \$52,000.00. He has the option of several pay periods. Find the amount he would receive in each pay period.

Pay Period	Weekly	Biweekly	Semimonthly	Monthly	Quarterly	Semiannually
Number of pay periods	52	26	24	12	4	2
	$\frac{\$1,000.00}{52}$	$\frac{\$2,000.00}{26}$	$\frac{\$2,166.67}{24}$	$\frac{\$4,333.33}{12}$	$\frac{\$13,000.00}{4}$	$\frac{\$26,000.00}{2}$
	$\$1,000.00$	$\$2,000.00$	$\$2,166.67$	$\$4,333.33$	$\$13,000.00$	$\$26,000.00$
	$\frac{\$52,000.00}{52}$	$\frac{\$104,000.00}{26}$	$\frac{\$104,000.00}{24}$	$\frac{\$52,000.00}{12}$	$\frac{\$208,000.00}{4}$	$\frac{\$520,000.00}{2}$
	$\$1,000.00$	$\$2,000.00$	$\$2,166.67$	$\$4,333.33$	$\$13,000.00$	$\$26,000.00$

Wynell is paid either \$1,000.00 weekly, \$2,000.00 biweekly, \$2,166.67 semimonthly, \$4,333.33 monthly, \$13,000.00 quarterly or \$26,000.00 semiannually.

**Directions** Complete the following chart. Find the amount earned during each pay period. Round answers to the nearest cent.

Worker	Annual Salary	Weekly 52 pay periods	Biweekly 26 pay periods	Seml-monthly 24 pay periods	Monthly 12 pay periods	Quarterly 4 pay periods	Semi-annually 2 pay periods
1. Jacob	\$15,600	_____	_____	_____	_____	_____	_____
2. Matthew	\$31,200	_____	_____	_____	_____	_____	_____
3. Joshua	\$78,000	_____	_____	_____	_____	_____	_____
4. Madison	\$10,920	_____	_____	_____	_____	_____	_____
5. Hannah	\$140,400	_____	_____	_____	_____	_____	_____
6. Samantha	\$93,600	_____	_____	_____	_____	_____	_____
7. Andrew	\$35,000	_____	_____	_____	_____	_____	_____
8. Ashley	\$90,000	_____	_____	_____	_____	_____	_____
9. Michael	\$27,430	_____	_____	_____	_____	_____	_____
10. Emily	\$44,358	_____	_____	_____	_____	_____	_____



## Renaming Percents as Decimals

**Method:** Remove the percent symbol and move the decimal point two places to the left.

**EXAMPLE**

Rename 45% as a decimal.

$$45\% = 0.45$$

**EXAMPLE**

Rename 2.4% as a decimal.

$$2.4\% = 0.024$$

**EXAMPLE**Rename  $13\frac{1}{7}\%$  as a decimal.

$$13\frac{1}{7}\% = 0.13\frac{1}{7}$$

Write a zero to make two places.

**Directions** Rename these percents as decimals.

1. 35% =

13. 2% =

25. 453% =

37. 7.11% =

2. 28% =

14. 93% =

26.  $35\frac{1}{2}\%$  =

38. 34.4% =

3. 5% =

15. 38% =

27. 1% =

39. 0.79% =

4. 2.6% =

16. 0.08% =

28. 60% =

40. 12% =

5. 4% =

17. 6.01% =

29. 77% =

41. 5.055% =

6. 1.2% =

18. 77.1% =

30. 5.09% =

42. 2.21% =

7. 0.1% =

19. 5.3% =

31. 8.11% =

43. 681% =

8. 4.01% =

20.  $3.01\frac{2}{3}\%$  =

32. 129% =

44. 0.01% =

9.  $26\frac{5}{8}\%$  =

21. 48% =

33. 20% =

45. 3% =

10. 8.2% =

22. 6% =

34. 400% =

46. 100% =

11. 9% =

23. 7.001% =

35. 0.03% =

47. 2000% =

12. 0.33% =

24. 0.05% =

36.  $40\frac{3}{4}\%$  =

48. 0.004% =

Name: \_\_\_\_\_

1.13

## Net Pay Worksheet – Calculate the Net Pay for each situation below.

- 1) Sandra earns \$13.50/hour and works 32 hours.

Determine gross pay \_\_\_\_\_  
(hint hourly rate x hours worked)

Gross Pay: \_\_\_\_\_

### Deductions:

Federal Tax = 15% of your gross pay  
Social Security Tax = 6.2% of your gross pay  
Medicare Tax = 1.45% of your gross pay  
State Tax = 4% of your gross pay  
Pension = 3% of your gross pay

Deduction	x Factor	Amount
Federal Tax	15%	
Social Sec	6.2%	
Medicare Tax	1.45%	
State Tax	4%	
Pension	3%	
Total Deductions		

Work: \_\_\_\_\_

Net Pay: \_\_\_\_\_

*Hint: Net Pay = Gross Pay - Deductions*

- 2) Madison earns \$11.50/hour and works 25 hours.

Determine gross pay \_\_\_\_\_  
(hint hourly rate x hours worked)

Gross Pay: \_\_\_\_\_

### Deductions:

Federal Tax = 15% of your gross pay  
Social Security Tax = 6.2% of your gross pay  
Medicare Tax = 1.45% of your gross pay  
State Tax = 4% of your gross pay  
Pension = 3% of your gross pay

Deduction	x Factor	Amount
Federal Tax	15%	
Social Sec	6.2%	
Medicare Tax	1.45%	
State Tax	4%	
Pension	3%	
Total Deductions		

Work: \_\_\_\_\_

Net Pay: \_\_\_\_\_

*Hint: Net Pay = Gross Pay - Deductions*

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

Workbook Activity

Chapter 1, Lesson 12

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## Salary Plus Commission

**EXAMPLE**

Armand sells automobiles. He earns a weekly salary of \$156 plus a commission of 0.4% on all his sales. Last week his sales were \$153,782. What did he earn?

**Step 1**

\$153,782	Sales
$\times .004$	Rate of commission
<u>\$615.128</u>	Commission

**Step 2**

\$156.00	Salary
<u>+ 615.13</u>	Commission
<u>\$771.13</u>	Total earnings

Armand's total earnings were \$771.13.

**Directions** Find the commission and total earnings for the sales listed below.

	Total Sales	Rate of Commission	Salary Earned	Commission	Total Earnings
1.	\$50,000	2%	\$200	_____	_____
2.	\$31,000	3%	\$100	_____	_____
3.	\$45,000	2.4%	\$150	_____	_____
4.	\$450,000	1.5%	\$125	_____	_____
5.	\$61,129	2.8%	\$250	_____	_____
6.	\$64,732	3.2%	\$100	_____	_____
7.	\$63,794	1.9%	\$150	_____	_____
8.	\$19,376	2.45%	\$100	_____	_____
9.	\$90,276	3.27%	\$260	_____	_____
10.	\$37,385	2.87%	\$170	_____	_____
11.	\$17,396	1.67%	\$350	_____	_____
12.	\$3,945	2.34%	\$160	_____	_____
13.	\$323,386	1.91%	\$140	_____	_____
14.	\$32,784	4.03%	\$200	_____	_____
15.	\$1,357,369	0.42%	\$100	_____	_____
16.	\$29,864	2.73%	\$200	_____	_____
17.	\$98,773	1.42%	\$250	_____	_____
18.	\$76,764	3.12%	\$100	_____	_____
19.	\$18,363	1.44%	\$230	_____	_____
20.	\$94,735	2.61%	\$170	_____	_____

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

Workbook Activity

Chapter 1, Lesson 11

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## Earning Commission

**EXAMPLE**

Santiago sells furniture. He earns a 10% commission on his sales up to his quota of \$2,500. Santiago earns a 14% commission on all sales beyond \$2,500. Last week his sales were \$4,966. How much did Santiago earn?

Quota	Rate	Sales	Bonus Rate	
\$2,500	10%	\$4,966	14%	
<b>Step 1:</b>				
\$ 2,500		\$ 4,966		
× .10	Regular	− 2,500		
\$250.00	Commission	\$ 2,466		
<b>Step 2:</b>				
<b>Step 3:</b>				
		\$ 2,466		
		× .14		
		98.64		
		+246.6		
		\$345.24	Bonus Commission	
<b>Step 4:</b>				
\$250.00	Regular Commission			
+345.24	Bonus Commission			
\$595.24	Total Commission			

Santiago earned \$595.24.

**Directions** Compute the total commission for each example below. Add the bonus commission to the regular commission.

	Quota	Rate	Sales	Bonus Rate	Total Commission
1.	\$5,300	11%	\$5,783	21%	_____
2.	\$8,700	6%	\$14,536	17%	_____
3.	\$1,600	11%	\$1,889	13%	_____
4.	\$5,600	8%	\$9,490	15%	_____
5.	\$9,400	10%	\$11,447	14%	_____
6.	\$4,500	5%	\$7,730	13%	_____
7.	\$8,800	4%	\$10,317	7%	_____
8.	\$4,600	2%	\$7,377	4%	_____
9.	\$2,500	8%	\$3,795	10%	_____
10.	\$1,900	8%	\$2,021	10%	_____
11.	\$4,600	9%	\$8,365	15%	_____
12.	\$8,800	3%	\$3,848	10%	_____
13.	\$4,400	5%	\$8,161	11%	_____
14.	\$7,000	9%	\$9,471	13%	_____

