

Name: _____

Decision Make Math - Assignment 1, quarter 1

Computing wages (gross income)

For each problem, determine the gross income (income prior to taxes) for and hourly wage.

1. Fast food worker

\$7.00	Weekly pay	Monthly pay	Annual pay
10 hours			
20 hours			
30 hours			
40 hours			

2. Retail sales clerk

\$8.25	Weekly pay	Monthly Pay	Annual Pay
10 hours			
20 hours			
30 hours			
40 hours			

3. Fast food supervisor

\$9.00	Weekly pay	Monthly pay	Annual Pay
10 hours			
20 hours			
25 hours			
40 hours			

4. Waiter/waitress

\$2.13	Weekly pay	Monthly pay	Annual pay
10 hours			
15 hours			
35 hours			
40 hours			

What is minimum wage? How can a waiter/waitress only be paid \$2.13 an hour?

5. Data entry

\$10.50	Weekly pay	Monthly pay	Annual pay
10 hours			
18 hours			
25 hours			
34 hours			

6. Salary - compute the monthly and weekly pay for a specific salary.

Salary	Monthly pay	Weekly pay	Hourly pay
\$70,000			
\$56,000			
\$42,000			
\$100,000			
\$35,000			

\$32,800			
\$79,000			
\$24,000			
\$28,600			
\$250,000			
\$21,000			
\$18,750			
\$14,560			

Piecework - compute the total pay for each scenario.

7. You machine parts on a lathe - building hexagon nuts to be used on airplanes. You are paid \$0.50 per completed part that are within specs.

- How many must you complete to earn: \$40.00 in a day?
- \$75.00 in a day?
- \$500.00 in a week?
- \$700.00 in a week?

8. You build cabinets for a living. You earn \$15.00 per completed cabinet. How much will you earn in a week if you complete: 7 cabinets

- 10 cabinets
- 12 cabinets
- 20 cabinets

If you build 16 cabinets and are pair \$500.00, how much money did you earn per completed cabinet?

You build 25 cabinets and make \$700.00. How much money did you earn per completed cabinet?

You build 19 cabinets and make \$680.00. How much money did you earn per completed cabinet?

Commission - determine the amount of pay earned for a specific dollar of sales and set given percent for paid commission on the sales.

Commission rate	\$\$ sales	Paid commission
5%	\$100,000	
7%	\$250,000	
12%	\$75,000	
	\$480,000	\$15,000
	\$500,000	\$10,000
8%		\$18,000
6%		\$4,000
18%		\$15,000
12%		\$3,000