

Section 1.1 and 1.2 – Quiz

1. If Dana works as a server at Moxie’s, break down the following earnings from her shift last night. She made \$210 in tips and in 5 hours her hourly wage totalled \$81.00.

What is her standard hourly wage?

$$\$81 / 5\text{hr} = \boxed{\$16.20/\text{hr}}$$

What is her hourly wage adjusted for her tips from last night?

$$\$81.00 + \$210 = \$291$$

$$\$291 / 5\text{hr} = \boxed{\$58.20/\text{hr}}$$

2. Jason worked the following shifts. He gets paid \$32.50/hr for day shifts (start at 8am), time and a half for any hours over 8 during day shifts, double time for evening shifts (start at 4pm) as well as weekend day shifts, and double time and a half for weekend evening shifts (start at 4pm). Calculate Jason’s two-week paycheck before deductions given the following information.

Day	Week One	Week Two
Monday	(8am – 6pm)	Off
Tuesday	(4pm – midnight)	Off
Wednesday	(8am – 4pm)	(8am – 2pm) 6 Reg
Thursday	Off	(8am – 6pm) 8 Reg 2 at 1.5
Friday	Off	(8am – 4pm) 8 Reg
Saturday	(8am – 3:30pm)	(8am – 4pm) 8 at 2
Sunday	(4pm – midnight)	(4pm – 10pm) 6 at 2.5

<u>Reg</u>	<u>at 1.5</u>	<u>at 2</u>	<u>at 2.5</u>
38 hours	4 hours	23.5 hours	14 hours

$$38 \cdot 32.50 = \$1235$$

$$4 \cdot 32.50 \cdot 1.5 = \$195$$

$$23.5 \cdot 32.50 \cdot 2 = \$1527.50$$

$$14 \cdot 32.50 \cdot 2.5 = \$1137.50$$

$$1235 + 195 + 1527.50 + 1137.50 = \boxed{\$4095}$$

3. Ms. Reside makes a semi-monthly Gross salary of \$3850, but is paid over a ten month period
 a) What is her annual salary?

$$3850 \cdot 20 = \boxed{\$77,000/\text{yr}}$$

- b) What would her bi-weekly (over a full 12 months) paycheck be?

$$\frac{77,000}{26} = \boxed{\$2,961.54}$$

4. Katrina works at the Bard and Banker Restaurant. She makes an annual salary of \$52,000, but she takes 4 weeks a year off unpaid. She makes tips, and makes 4.5% commission on any restaurant merchandise sales. What is her bi-weekly paycheck (keep in mind she does not get paid for 4 weeks a year) if over the last two week period ~~she worked 39.5 hours~~, made \$2650 in tips, and sold \$1250 worth of merchandise.

$\$52,000/\text{yr}$ only 48 weeks

$$\frac{52,000}{48} = \$1,083.33/\text{week}$$

$$1250 \cdot 0.045 = \$56.25$$

commission

$$1,083.33 \cdot 2 = \begin{array}{l} \$2,166.67 \text{ bi-weekly wage} \\ \$2,650.00 \text{ in-tips} \\ \$56.25 \text{ commission} \end{array}$$

$$\boxed{\$4,872.92}$$