Section 1.1 – Check-in

1. If Bianca works as a server at Il Terrazzo, break down the following earnings from her shift last night. She made $230 in tips and in 7 hours her hourly wage totalled $107.45.

   What is her standard hourly wage?

   wage → $\$107.45$ / hours worked → $7hr$ = $\$15.35/hr$

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

   Add tips to wage total then divide by the hours worked.

   $230 + 107.45 = 337.45$

   $\frac{\$337.45}{7hr} = \$48.21/hr$

2. Atlas worked the following shifts. He gets paid $\$23.50/hr$ for day shifts (start at 8am), time and a half for any hours over 8 during day shifts, double time for weekend day shifts and double time and a half for evening shifts (start at 4pm) on the weekend. Calculate Atlas's two-week paycheck before deductions given the following information.

   Evening shift is double time

   4hr time and a half

Day	Week One		Week Two
Monday	Off		Off
Tuesday	Reg shift 6hrs $(8am - 2pm)$		Off
Wednesday	Reg shift 8hrs $(8am - 8pm)$ 4hr		$(8am - 12pm)$ Reg 4hrs
Thursday	Evening shift 8hrs double time $(4pm - midnight)$		$(8am - 3pm)$ Reg 7hrs
Friday	Off		$(8am - 4pm)$ Reg 8hrs
Saturday	Weekend 5.5 hrs double time $(8am - 1:30pm)$		8 $(4pm - midnight)$ } weekend night double time and a half
Sunday	Off		6 $(4pm - 10pm)$

Reg hrs	Time a half	Double Time	Double Time and a half
6	4	13.5	8
8			6
4			
7			
8			
33hrs			14hrs

$33hrs \cdot \frac{\$23.50}{1hr} = \$775.50$

$4hrs \cdot \frac{\$23.50}{1hr} \cdot 1.5 = \$141$

$13.5hrs \cdot \frac{23.50}{1hr} \cdot 2 = \$634.50$

$14hrs \cdot \frac{23.50}{1hr} \cdot 2.5 = \$822.50$

Total: $\$2373.50$