Review steet and #7-14 (p300)

Chapter 7.2A review

1. Lang is an accountant in Vancouver with an annual salary of \$68 200. He gets a 2.4% bonus at the end of the year if his firm does well. What is his weekly gross salary

\$68200 x 0.024=1636.8 68200 + 1636.8=\$69836.8-52

Star works part time as a waitress. She earns \$10/h and makes \$50 in tips each week. If she works 20 h each week, how many weeks will it take her to earn \$3000

10/h x20h = \$200 \$200 +50 = \$250/wk \$3000 + \$250 = 12 weeks

Juanita earns \$1250 monthly selling large appliances. She also earns 2% commission on her first \$20 000 in sales and 3.5% on sales over \$20 000 each month. Her total sales for March were \$34 320. What was Juanita's gross income for the month?

\$20000 x 0.02 = \$400 \$ (34 320-\$20 000) x 0.035 = \$501.20

Gross: 1250+400+501.20 = \$2151.20

Jody installs and repairs telephones. She earns \$21.20/h plus time and a half for any hours she works over 40 hours a week. Last week she worked 49 hours. Aidan earns an annual salary of \$43 000 as the director of sales at a computer company. Who had the higher gross income last week?

Jody: \$21.20 x 40 = \$848 \$43 000 - 52 (21.20 x 1.5) x 9h = \$286.2 = \$826.92 \$848+ \$286.2

had the hister income

Mindy is an electrician and Bridgit assembles computers. Mindy earns \$24.50/h and a shift premium of \$1.50/h for hours worked after 8 p.m. Last week she worked 45 h, including 5 h Tuesday night. Bridgit earns \$6.25 for each computer. How many computers must Bridgit assemble in a week to match Mindy's gross income for the

#980+#130 = #1110

Mindy 124.50 × 40 = \$980 | 1110-6.25 = 177.6 (24.50 + 1.50) × 5 = \$130

6. Liza is a bank teller earning an annual salary of \$35 000. Sasha works as a legal secretary and is paid \$15.40/h and double time for hours over 35 each week. How many hours of overtime must Sasha work each week to earn as much as Liza?

Sasha: \$15.40/h x 35h=\$ 539 \$539 x 52=\$28 028

\$35000-\$28028=\$6972

\$6972-52=134.08 \$15.40/h xz = \$30.80

\$134,08-1 \$30.80-4.35

60min x 0.35= Zlmin she must work 4h and 21 min of overtine a neck to earn as much as liza.