

## Section 2.1 Wages &amp; Salaries

Build your skills

$$3. \quad \$16.72/\text{hr} \times 5\text{ hr} = \$83.60 \quad (1)$$

$$4. \quad \$20.87/\text{hr} \times 40\text{ hr} = \$834.80 \quad (1)$$

$$5. \quad \$35.75/\text{hr} \times 34 = \$1215.50 \quad (2)$$

$$6. a) \quad \frac{\$45183.36}{12\text{ mos}} = \$3765.28/\text{mos} \quad (1)$$

$$b) \quad \frac{\$45183.36}{52} = \$868.91 \quad (1)$$

$$7. \quad \frac{\$552.88}{40\text{ hr}} = \$13.82/\text{hr} \quad (1)$$

$$8. \quad \frac{\$321.25}{32.5\text{ hr}} = \$9.88/\text{h} \quad (1)$$

Example 5

$$a) \quad 27\text{ h}$$

$$b) \quad \$15.85/\text{h} \times 27\text{ h} = \$427.95 \quad (2)$$

$$9. \quad 15.75\text{ h}$$

$$\$9.45/\text{h} \times 15.75\text{ h} = \$148.84 \quad (2)$$

$$10. \quad 20\text{ h}$$

$$\$12.76/\text{h} \times 20\text{ h} = \$255.20 \quad (2)$$

$$\begin{array}{r}
 11. \text{ Reg Pay } \$15.77/h \times 40 \quad 630.80 \textcircled{1} \\
 \text{Reg O.T. } 15.77 \times 1.5 \times 5.25h \quad 124.19 \textcircled{2} \\
 \text{SAT } 15.77 \times 2.5 \times 5.75 \quad 226.69 \textcircled{2} \\
 \hline
 \quad \quad \quad \$981.68 \textcircled{1}
 \end{array} \quad (6)$$

$$\begin{array}{r}
 12. \text{ Reg Pay } \$11.82/hr \times 35h \quad 413.70 \textcircled{1} \\
 \text{O.T. } 42-35=7h \textcircled{1} \\
 \text{O.T. Pay } \$11.82/h \times 1.5 \times 7h \quad \frac{124.11}{537.81} \textcircled{1} \quad (4) \\
 \hline
 \quad \quad \quad \$537.81 \textcircled{1}
 \end{array}$$

$$\begin{array}{r}
 13. \text{ Reg Pay } \$15.27/h \times 40h \times 8 = \$4886.40 \textcircled{1} \\
 \text{O.T. } \$15.27/h \times 1.5 \times 3 \times 8 = \frac{599.72}{5486.12} \textcircled{1} \quad (3) \\
 \hline
 \quad \quad \quad \$5486.12 \textcircled{1}
 \end{array}$$

### Practice your new skills

$$1. \$10.75/h \times 10h = \$107.50 \quad (1)$$

$$2. \$12.36/h \times 7.5h = \$92.70 \quad (1)$$

$$3. \$16.75/h \times 30h = \$502.50 \quad (2)$$

Take 2nd job because she gets more money working less hours.

$$\text{or } \frac{\$497.35}{35h} = \$14.21/h \text{ (less than } \$16.75/h)$$

$$4. \quad \frac{\$6758}{52 \text{ weeks}} = \$129.96/\text{week} \quad (1)$$

$$5. \quad \begin{array}{r} 6 \frac{50}{60} \quad 6.8\bar{3} \\ 6 \frac{24}{60} \quad 6.4 \\ 6 \frac{30}{60} \quad 6.5 \\ 6 \frac{26}{60} \quad 6.4\bar{3} \\ 7 \quad 7 \\ \hline 33.16 \text{ h} \quad (1) \end{array} \quad (2)$$

$$\$9.05/\text{hr} \times 33.16 \text{ h} = \$300.10 \quad (1)$$

$$6. \quad \begin{array}{r} \text{Reg Pay } \$10.53/\text{h} \times 30 \quad \$315.90 \quad (1) \\ \text{O.T. Pay } \$10.53/\text{h} \times 1.25 \times 5 \quad \frac{65.81}{\text{h}} \quad (1) \\ \hline \$381.71 \quad (1) \end{array} \quad (3)$$