Date

Midterm Review 2018 - Units 1 & 2

Unit 1: #1-12

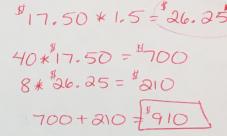
- 1) Seth is earns \$14.95 per hour.
 - a) What are his wages for 40 hours?
 - b) Estimate Seth's annual wages based on 50 work weeks.

3) Lydia has an Etsy shop and earns \$2.45 for every item that she sells. How much will she earn if she sells 87 items?

5) Mercedes receives a 7% commission plus a salary of \$453 per week. If her total sales for one week are \$3,485, what are her total wages for that week?

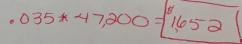
7) Katelyn earns an annual salary of \$58,400. What is her weekly income (assume 52 weeks).

2) Kayla earns 17.50 per hour plus time-and-a-half as overtime pay. If she works 48 hours one week, how much will she earn?

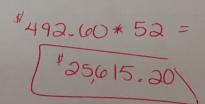


4) Ezra earns a biweekly salary of \$1,275.82. What is is annual salary?

6) Arrion sells a car for \$47,200. How much does he earn from this sale with a 3.5% commission?



8) What is the annual salary for Murissa, who earns a weekly salary of \$492.60?



9) Deja, a waitress, earns \$3.50 per hour. One week she received these tips:

Mon: \$65 Thurs: \$85 Tues: \$72 Fri: \$115

Wed: \$68

If she worked a total of 30 hours that week, what were her total earnings for the week?

TOTAL TIPS: \$405 \$3.50 * 30 = \$105 405 + 105 = \$510

11) Jason's sales quota is \$7,000 and regular commission rate is 5%. His actual sales were \$12,500 with a bonus commission rate of 8%. He also earns a base salary of \$6.50 per hour. If he worked 40 hours, how much were his total wages for that week?

Find the unit price for each item.

13) If 9 cans of soup cost a total of \$12.30, how much does each can cost?

 $\frac{\text{COST}}{\text{$\#$ CANS}} = \frac{\$_{12.30}}{9} = \frac{\$_{1.37}}{1.37}$

10) Shawn works as a bellhop in a hotel. One week, he earned \$400 in tips from his guests. If he worked for 43 hours that same week, earning a base pay of 8.50 per hour (and time-and-a-half overtime pay), what were his total wages for that week?

8.50 * 1.5 = \$340 RAYE

40 * 8.50 = \$340 REGULAR PAY

3*12.75 = \$38.25 OVERTIME
PAY

256.
340 + 38.25 + 400 =

\$778.25

12) Adrian is paid 17.50 per hour and works 36 hours one week. Her deductions for that week add up to \$42.30. How much money does she actually bring home for that week?

\$ 17.50 * 36 = 630 \$ 630 - 42.30 = 587.70

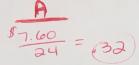
14) If 5 boxes of crackers cost a total of \$18.75, how much does each box cost?

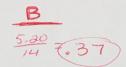
\$ 18.75

Determine the better buy (cheaper price per unit) of the two given options.

15) Container A has 24 cookies and costs \$7.60

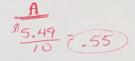
Container B has 14 cookies and costs \$5.20

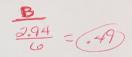


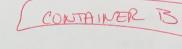


16) Container A has 10 oranges and costs \$5.49.

Container B has 6 oranges and costs \$2.94.







Solve each problem.

17) 190% of 139 is what?

CONTAINER A

18) What percent of 35 is 64.5?

$$x * 35 = 64.5$$
 $35 = 35$

$$x = 1.843$$

19) 43 is 97% of what?

20) What percent of 37 is 6?

$$\begin{array}{c} \times & * & 3 / 1 = 6 \\ \hline & 3 / 7 & \overline{3} \end{array}$$

$$\begin{array}{c} \times & = .762 \end{array}$$

21) 31% of what is 135?

$$\frac{31 \times \chi = 135}{31}$$

$$\chi = 435.48$$

22) What is 1% of 39?

$$x = .01 * 39$$

Find the total restaurant bill you must pay given the original bill and the tip percentage.

Find the selling price of each item.

Tax: 5%

Tax: 4%