

Midterm Review 2018 - Units 1 & 2

Unit 1: #1-12

- 1) Seth earns \$14.95 per hour.
 - a) What are his wages for 40 hours?
 - b) Estimate Seth's annual wages based on 50 work 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?
- 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?
- 4) Ezra earns a biweekly salary of \$1,275.82. What is his annual salary?
- 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?
- 6) Arrion sells a car for \$47,200. How much does he earn from this sale with a 3.5% commission?
- 7) Katelyn earns an annual salary of \$58,400. What is her weekly income (assume 52 weeks).
- 8) What is the annual salary for Murissa, who earns a weekly salary of \$492.60? (assume 52 weeks)

- 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?

- 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?

- 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?

- 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?

Unit 2 #13-30

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

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?

18) What percent of 35 is 64.5?

19) 43 is 97% of what?

20) What percent of 37 is 6?

21) 31% of what is 135?

22) What is 1% of 39?

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

23) Bill: \$65.78
Tip: 23%

24) Bill: \$104.25
Tip: 22%

Find the selling price of each item.

25) Original price: \$34.95
Discount: 30%

26) Original price: \$64.50
Discount: 10%

27) Cost: \$200.00
Markup: 40%

28) Cost: \$19.50
Markup: 50%

29) Cost: \$9.99
Markup: 14%
Tax: 5%

30) Cost: \$150.00
Markup: 90%
Tax: 4%

Answers to Midterm Review 2018 - Units 1 & 2

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|-------------|---------------|-----------------|-----------------|
| 1) a) \$598 | 2) \$910 | 3) \$213.15 | 4) \$33,171.32 |
| b) \$29,900 | | | |
| 5) \$696.95 | 6) \$1,652.00 | 7) \$1,123.08 | 8) \$25,615.20 |
| 9) \$510 | 10) \$778.25 | 11) \$1,050 | 12) \$587.70 |
| 13) \$1.37 | 14) \$3.75 | 15) Container A | 16) Container B |
| 17) 264.1 | 18) 184.3% | 19) 44.3 | 20) 16.2% |
| 21) 435.5 | 22) 0.39 | 23) \$80.91 | 24) \$127.19 |
| 25) \$24.47 | 26) \$58.05 | 27) \$280.00 | 28) \$29.25 |
| 29) \$11.96 | 30) \$296.40 | | |