

Total Cost/Commissions (Classwork/Homework)

1. Chibuikem earns a 9% commission on all of his sales. He also earns a base salary of \$2,000 per month. What were his sales last month if his total earning for the month were \$8,940? (Round to the nearest whole dollar) 1 point

- A \$88,222
- B \$77,111
- C \$66,000
- D \$77,778

2. Madison works at a jewelry store and is paid 8.75% commissions on every piece of jewelry she sells. Her base salary is \$875 per week. What were her sales last week, if she earned \$3,465 for the week? 1 point

- A \$31,886
- B \$32,375
- C \$29,600
- D \$28,889



3. Anthony does financial service work as a second job. He receives a 5.3% commission for every financial plan he sells. Last week he earned \$4,106.25. His base salary is \$600 per week. What were his sales last week? (Round to the nearest whole dollar) 1 point

- A \$66,226
- B \$70,120
- C \$66,156
- D \$66,038

4. Autumn decides while in college that she will sale cars as a part time job. Autumn is very good at selling cars. Her base salary is \$425 per week. Last week, the boss handed her a check for \$3,223. What were her sales last week if she makes 4% commissions on her sales? 1 point

- A \$75,000
- B \$67,500
- C \$70,000
- D \$69,950



5. Amarachi doesn't like the idea of selling to make money, but she likes the idea of making money. She takes a service job talking to people over the phone. She is paid \$675 per week and can make more, if she exceeds her call totals. She is paid a 9.5% commission. Last week, she was paid \$2,802. What were last weeks call totals dollar value?

1 point

- A \$23,666.66
- B \$22,105.26
- C \$23,336.84
- D \$22,389.47

6. Savannah decides like Autumn to sell cars as a part time job. She is paid a commission of 6.7%. Her weekly salary is \$765 per week. Last week she was paid \$4,009.80. What were her sales last week?

1 point

- A \$54,066.66
- B \$48,429.85
- C \$48,418.20
- D \$54,102.36



7. Darian owns an art store and hires Elijah to work for him. Elijah is paid a 3.75% commission and a salary of \$850 per week. Last week Elijah received a check from Darian for \$1,897. What were his sales for last week?

1 point

- A \$28,297
- B \$27,920
- C \$28,000
- D \$26,175

8. Arly is looking for work and stops by Darian at the art store to inquire about a job. Arly is in luck, Elijah quit earlier that morning. Arly is offered the same deal. A salary of \$850 per week. Except he is given a higher commission rate of 5.9%. Last week Arly received a check of \$3,674. What were his sales for last week?

1 point

- A \$49,152.54
- B \$47,457.63
- C \$47,864.41
- D \$47,116.67



9. Jamel owns a Men Clothing Store. He hires Jared to assist him with selling suits. He promises to pay Jared \$900 per week plus pay him 11.25% commissions on his sales. Last week Jared got paid \$4,444. What were his sales last week? 1 point

- A \$31,502.22
- B \$31,111.11
- C \$32,218.18
- D \$32,250.00

10. Morgan and Shaniya go into business together. They decide to open a Women's Clothing Store next to Jamel's store. They hire the best salesperson in the industry. They offer Khadalia top wages of \$1,600 per week and pay a commission of 18.2%. Khadalia in her first week is paid \$7,208 for her work. What were her sales last week? 1 point

- A \$31,111.11
- B \$30,813.19
- C \$31,901.10
- D \$31,166.67



11. Ashyra refuses to be out done by her former classmates decides to go into business with Regina. Remembering that they were excellent math scholars, they open a financial company. They are good at what they do but decide to expand and hire additional help. They call Amarachi and offer her a job. She accepts the offer. They agree to pay her \$1,200 a week plus a commission of 8.7%. Last week they paid Amarachi \$10,234. What were her sales last week? 1 point

- A \$112,925.00
- B \$100,377.78
- C \$103,839.08
- D \$101,123.60

12. The Brown family went to the local restaurant down the street from their home. The meal cost for a family of five was \$128.32. The sales tax was 6.5% and they decided to leave a 15% tip. The tip was paid on the meal. What is the total cost of the meal? 1 point

- A \$155.91
- B \$195.51
- C \$159.51
- D \$151.91



13. Samart wants to buy a shirt for \$25. How much will Samart's shirt cost if the tax is 4.1%? 1 point

- A \$26.08
- B \$26.80
- C \$26.30
- D \$26.03

14. If Dahani wants to buy the same shirt as Samart in a different town. What will it cost Dahani to buy the \$25 shirt with a tax rate of 3.2%? 1 point

- A \$25.08
- B \$25.80
- C \$28.50
- D \$28.05

15. A store in Jacob's town marks up sporting goods 27%. If he buys a jersey for \$89, How much will it cost him? 1 point

- A \$113.03
- B \$103.13
- C \$131.03
- D \$110.33



16. Chenai and her family take a vacation to Los Angeles. While there they eat in some of the best restaurants. On the last night they decide to eat at a restaurant known for serving great lobster. When the bill comes the meal cost \$189.70 for the four of them. Everyone is extremely satisfied with the meal and service. So they leave a 22% tip. The sales tax is 8.75%. What was the total cost of the meal? 1 point

- A \$243.08
- B \$243.80
- C \$248.03
- D \$248.30

17. Leon is checking some prices at Macy's for a jacket he wants. The original price is \$97.75. It is marked down by 67.5%. What is the sale price of the jacket Leon wants to buy? 1 point

- A \$37.17
- B \$37.71
- C \$31.17
- D \$31.77



18. Mikayla rolls a number cube that has sides labeled 1 to 6 and then flips a coin. What is the probability that she rolls an even number and flips heads? (Hint: Make a chart) 1 point

- A $\frac{1}{8}$
- B $\frac{1}{4}$
- C $\frac{1}{2}$
- D $\frac{3}{4}$

19. Melody has 45 jazz songs, 82 dance songs and 65 rap songs on her play list. If her music player randomly selects a song, what is the probability that it is NOT a dance song? 1 point

- A $\frac{55}{96}$
- B $\frac{41}{96}$
- C $\frac{57}{96}$
- D $\frac{39}{96}$



20. The experimental probability that Imani will hit a hole in one at the golf course is $\frac{2}{5}$. If Imani goes golfing 40 times in a year, how many times can she expect to hit a hole in one? 1 point

- A 16
- B 24
- C 25
- D 40

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