

Name: _____

Date: _____

Average Pay Calculations

1. Ben's earnings for work he did from Monday through Saturday were: \$78, \$94, \$115, \$108, \$67, \$78. What was his average daily pay for the days he worked? \$90

Two years ago, Randi earned \$18,400. Last year she earned \$19,700. Suppose she earns \$21,600 this year.

2. What total amount will Randi have earned for the three years? \$59,700

3. What will be her average earnings per year? \$19,900

4. Four employees are paid a monthly salary as follows: Wilma, \$1,820; Mavis, \$1,615; Martha, \$1,977; Tom, \$1,560. What average salary per month are these employees paid? \$1,743

5. Emma has been offered a job that pays \$38,950 for working a 52-week year training software users. What average amount does the job pay per month? Per week? \$3,245.83 \$749.04

Rashad earned \$662 by working five days a week at his full-time job. He earned \$118 for 12 hours of work at his part-time job.

6. What average pay per day did he earn from full-time work? \$132.40

7. What average amount per hour did he earn from part-time work? \$9.83

Three weeks ago James worked 46 hours and earned \$414. Two weeks ago he earned \$333 by working 37 hours. Last week he worked 42 hours for \$378.

8. For the three weeks how many hours did James work? 125 hours

9. What were his total earnings? \$1,125

10. What were his average hourly earnings? \$9/hour

11. What were his average weekly earnings? \$375

12. At her job of grooming horses, Polly Yaskovich worked 8 hours a day on Monday and Tuesday and earned \$69 each day. On Wednesday, she earned \$82. On Thursday and Friday, she earned \$78 a day. What was Polly's average daily pay for the 5 days she worked? \$75.20

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13. The Willis Avenue Door Company gave its employees bonuses. Six employees received a bonus of \$940 each; 4 employees received a bonus of \$820 each; 5 employees were paid a bonus of \$1,150 each. What was the average bonus paid to these employees? \$978

14. The owner of Mid-Town Rapid Delivery plans to spend no more than \$980 a day for employees' wages. The owner now has 8 employees who earn an average of \$108 a day. Another employee must be hired. What is the most the new employee can be paid without spending more money than planned? \$116

Yi Chin was offered a new job. For the first 3 months she works, she will be paid a monthly salary of \$1,600. Her monthly pay for the next 3 months will be \$1,760. For the next 6 months after that, Yi's monthly salary will be \$1,936.

15. How much will Yi earn during a full year? \$21,696

16. What average pay per month will she receive if she works a full year? \$1,808

17. Beatrix Thompson owns a craft shop and plans to sell 260 ceramic vases this year. She earns \$25 for every vase sold. For the first 8 months of this year, she sold an average of 16 vases a month and had total earnings of \$3,200. How many vases must she sell, on average, in each of the remaining 4 months to reach her goal? 33

18. Marsha's scores on seven tests were: 82, 78, 77, 93, 85, 91, and 86. What was her average score on the tests, rounded to the nearest whole number? 85

19. The owner of a small business bought 5 cases of copier paper for \$14 each, 8 cases for \$13.50, and 11 cases for \$12.75. What average price did the owner pay for each case, to the nearest cent? \$13.26

20. CRITICAL THINKING The owner of a business has two skilled employees who each earn \$160 a day and 12 unskilled employees who each earn \$56 a day. Find the average daily pay for the 14 employees. Does the average show what the "average" worker is paid? \$70.86, no

21. DECISION MAKING The daily cost of public transportation to get you to and from your current job is \$5. You regularly work 8 hours a day Monday through Friday and 4 hours on Saturday. You have been offered a new job close to home where you could walk to and from work each day. The new job pays \$0.75 less an hour than your current job. You will work an average of 44 hours a week. Will you make or lose money by taking the new job? You will lose \$3