

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?

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?

3. What will be her average earnings per year?

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?

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?

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?

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

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?

9. What were his total earnings?

10. What were his average hourly earnings?

11. What were his average weekly earnings?

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?

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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?

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?

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?

16. What average pay per month will she receive if she works a full year?

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?

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?

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?

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?

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?