

## PRACTICE WORD PROBLEMS

- 1 Two towns are 6 inches apart on a map. If the scale for this map is 1 inch equals 100 miles, how many miles apart are the two towns? \_\_\_\_\_
- 2 If Jenny's salary is \$350 per week and she works 40 hours, what does she earn per hour?  
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- 3 An airline ticket from Washington, D.C. to Chicago is \$150 each way. The ticket is reduced by 25% if you purchase a round trip ticket. How much will a round trip ticket cost? \_\_\_\_\_
- 4 Youngstown, Ohio and Cleveland, Ohio are five inches apart on the map. The map scale reads, "1 inch is equal to fifty miles." How far apart are these two cities?
- 5 John makes \$10.50 per hour. He works 40 hours per week. What does he earn a week?  
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- 6 You want to go to New York City for New Years. You find out Amtrak charges \$42.50 for a one-way fare. If you were to buy a round trip ticket you would save 10%. How much is a round trip ticket to NYC? \_\_\_\_\_
- 7 Minimum wage is now \$5.15 per hour. How much does a person make who 40 hours per week? \_\_\_\_\_
- 8 How many cups are there in a pint? \_\_\_\_\_
- 9 How many cups are there in a quart? \_\_\_\_\_
- 10 A punch you are making calls for two quarts of ginger ale and one pint of cranberry juice. How many cups will this recipe make? \_\_\_\_\_
- 11 Hugo bought his new stereo on credit. The stereo costs \$945. With a minimum down payment of \$50 Hugo must pay \$105 per month for 12 months. How much more is Hugo paying for the stereo by buying it on a payment plan? \_\_\_\_\_
- 12 Jenny's salary is \$350 per week and she works 40 hours, what does she earn per hour?  
\_\_\_\_\_
- 13 Melinda gets the Providence Journal delivered to her home each day. The weekly subscription is \$2.25. The daily cost of the paper is \$ .25 per day, but the Sunday edition cost \$1.00.

How much is Melinda saving by having a subscription? \_\_\_\_\_

14 The scale on a map is 1 inch equals 10 miles. If Alexandria City and Manassas City appear to be 4 inches apart, approximately what is the distance between them? \_\_\_\_\_

15 Michael works twenty hours a week and earns \$6.50 per hour. How much does he earn in a week? \_\_\_\_\_

16 A ride on the Metro from Falls Church to Union Station is \$2.65 per person. What will the round trip fare for two people cost? \_\_\_\_\_

17 You subscribe to the TV Guide. The annual subscription costs \$25 per year. The Guide is delivered to your home once a week. If you bought this at the Giant each week, it would cost \$.95. How much are you saving by having a subscription?

18 Jack put a new furnace in his home. The cost of the furnace and the labor was \$2000. Jack gave the company a down payment of \$500. He will pay the furnace off in monthly installments of \$110 per month for 24 months. How much more than the original cost will Jack pay? \_\_\_\_\_

## ANSWER KEY

### PRACTICE WORD PROBLEMS

1. Two towns are 6 inches apart on a map. If the scale for this map is 1 inch is equal to 100 miles, how many miles apart are the two towns? 600
2. If Jenny's salary is \$350 per week and she works 40 hours, what does she earn per hour? \$8.75
3. An airline ticket from Washington, D.C. to Chicago is \$150 each way. The ticket is reduced by 25% if you purchase a round trip ticket. How much will a round trip ticket cost? \$225
4. Youngstown, Ohio and Cleveland, Ohio are five inches apart on the map. The map scale reads, "1 inch is equal to fifty miles." How far apart are these two cities? 250 miles
5. John makes \$10.50 per hour. He works 40 hours per week. What does he earn a week? \$420
6. You want to go to New York City for New Years. You find out Amtrak charges \$42.50 for a one-way fare. If you were to buy a round trip ticket you would save 10% How much is a round trip ticket to NYC? \$76.50
7. Minimum wage is now \$5.15 per hour. How much does a person make who works 40 hours per week? \$206
8. How many cups are there in a pint? 2 cups
9. How many cups are there in a quart? 4 cups
10. A punch you are making calls for two quarts of ginger ale and one pint of cranberry juice. How many cups will this recipe make? 10 cups
11. Hugo bought his new stereo on credit. The stereo costs \$945. With a minimum down payment of \$50 Hugo must pay \$105 per month for 12 months. How much more is Hugo paying for the stereo by buying it on a payment plan? \$365
12. Jenny's salary is \$350 per week and she works 40 hours, what does she earn per hour? \$8.75
13. Melinda gets the Washington Post delivered to her home each day. The weekly subscription is \$2.25. The daily cost of the paper is \$ .25 per day, but the Sunday edition cost \$1.00. How much is Melinda saving by having a subscription? .25

14. The scale on a map is 1 inch equals 10 miles. If Alexandria City and Manassas City appear to be 4 inches apart, approximately what is the distance between them? 40 miles

15. Michael works twenty hours a week and earns \$6.50 per hour. How much does he earn in a week? \$130.00

16. A ride on the Metro from Falls Church to Union Station is \$2.65 per person. What will the round trip fare for two people cost? \$10.60

17. You subscribe to the TV Guide. The annual subscription costs \$25 per year. The Guide is delivered to your home once a week. If you bought this at the Giant each week, it would cost \$.95. How much are you saving by having a subscription? \$24.40

18. Jack put a new furnace in his home. The cost of the furnace and the labor was \$2000. Jack gave the company a down payment of \$500. He will pay the furnace off in monthly installments of \$110 per month for 24 months. How much more than the original cost will Jack pay? \$1,140