

Name _____

Sample Math Employment Test

As part of a job interview, you may have to take a basic math test. Some tests are broad and basic, while others are designed specifically for the job for which you are interviewing. The following questions are sample questions for a basic math employment test.

Complete the following questions without a calculator.

1. $78 - 43 =$

2. $36 \times 7 =$

3. $476 + 981 =$

4. $344 \div 8 =$

5. $724 - 492 =$

6. $812 \times 9 =$

7. Stan sold 22 phones on Monday, 13 on Tuesday, 4 on Wednesday, 16 on Thursday, and 20 on Friday. How many phones did Stan sell this week?

8. Harry bought 5 boxes of nails. Each box contains 150 nails. How many total nails did Harry buy?

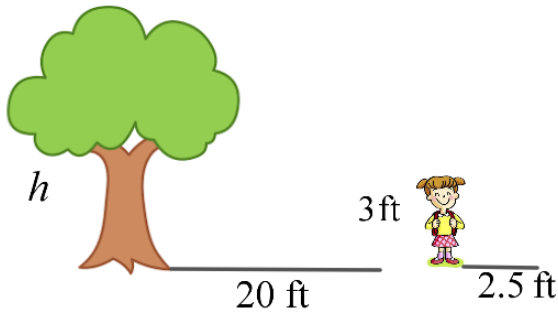
9. Carrie has \$240 to buy supplies. She spent \$196. How much money does she have left?

10. $\frac{1}{4} + \frac{1}{10} =$

11. $\frac{3}{4} + \frac{1}{16} =$

12. Reduce $\frac{20}{32}$ to lowest terms.

13. A greenhouse is selling flowers for \$12.95 each. Hillary bought 6 flowers. How much did she spend on flowers?
14. Matt gets reimbursed for his travel expenses. He spent \$157.40 on a hotel, \$38.28 on a rental car, and \$42.97 on a business dinner. If Matt is reimbursed for all of these expenses, how much will he be reimbursed?
15. A landscaping company has 83 yards to mow. They have already mowed 14 yards. If they can mow 6 yards per day, how many more days will it take them to finish the 83 yards?
16. Susie is 3 feet tall. Her shadow is 2.5 feet long. She is standing near a tree that is casting a shadow 20 feet long. What is the height of the tree?



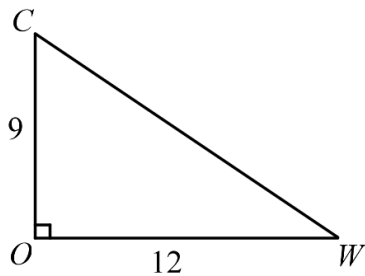
17. There were 987 cartons of eggs sold this month. About 18% of those were organic. Estimate the approximate number of organic eggs sold this month.
18. Solve for x: $18 - x = 27$
19. Solve for x when $y = 3$: $14x - \frac{15}{y} = 2$
20. Solve for x when $y = 2$: $\frac{1}{4}x^2 + 3 = 6y$
21. The floor of a coffee shop is 30 feet by 25 feet. How many 1-foot square tiles are needed to cover the floor?

22. Rebecca needs to piece together three banners to create one long banner. The first is $2\frac{3}{4}$ feet, the second is $3\frac{1}{2}$ feet, and the third is $4\frac{3}{4}$ feet. If she puts them altogether in one banner, how long will it be?

23. Rilee is taking a customer out for lunch. The bill comes to \$48.04. He wants to leave a 20% tip. How much should he tip?

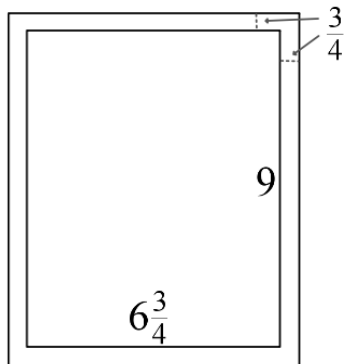
24. If a bike tire is 28 inches in diameter, how far will the wheel travel in one rotation?

25. Bruce needs to make a brace to go from C to W. How long does he need to make the brace?



26. How many $1\frac{3}{8}$ inch long pieces of wire can be cut from a strip that is 16 inches long?

27. A print layout is $6\frac{3}{4}$ inches by 9 inches. A border that is $\frac{3}{4}$ inches wide goes around the entire layout as shown below. What are the dimensions of the layout with the border?



28. Last year, the bakery sold \$195,000 in donuts. This year, they sold \$200,000. What was the percent increase in donut sales?

29. A \$520 TV is on sale for 20% off. What is the sale price of the TV?

30. What is the length of the line segment drawn below?

