**GED Math Practice Test 2**

**Q1. If 1 dollar is worth x French francs, what is the value, in dollars, of y French francs?**

* A). xy
* B).  x/y
* C). y/x
* D). 1/yx
* E). x+y

 **Answer : \_\_\_**

**Q2. Evaluate y ²4x − y) if y = −2 and x = 8.**

* A). -18
* B).  8
* C). 86
* D). 96
* E). 136

 **Answer : \_\_\_**

**Q3. On a road map, 1/4 inch represents 8 miles of actual road distance. The towns of Alton and Waverly are represented by points 2 (1/8) inches apart on the map. What is the actual distance, in miles, between Alton and Waverly?**

* A). 17
* B). 32
* C). 40
* D). 60
* E). 68

 **Answer : \_\_\_**

**Q4. What is the area, in square graph units, of the triangle?**



* A). 8
* B). 10
* C). 16
* D). 32
* E). 48

 **Answer : \_\_\_**

**Q5. At a certain time of day, a man 6 feet tall casts a shadow 4 feet in length. At the same time, a church steeple casts a shadow 28 feet in length. How high, in feet, is the church steeple?**

* A). 30
* B). 32
* C). 42
* D). 48
* E). 56

 **Answer : \_\_\_**

***Questions 6 through 8 are based on the following* information.**

A 3-foot-wide walkway is built around a swimming pool that is 20 feet by 30 feet, as shown in the following figure.



**Q6. In order to determine how much flagstone to buy, the homeowner needs to know the total area, in square feet, of the walkway. Which of the following expressions represents this area?**

* A). (23)(33)
* B). (26)(36)
* C). (23)(33) − (20)(30)
* D). (26)(36) − (20)(30)
* E). . (26)(36) − (23)(33)

 **Answer : \_\_\_**

**Q7. If the depth of the pool is 6 feet, what volume of water, in cubic feet, is needed to fill the pool?**

* A). 56
* B). 300
* C). 600
* D). 300
* E). 3600

 **Answer : \_\_\_**

**Q8. What is the total area, in square feet, of the pool and the walkway?**

* A). 50
* B). 62
* C). 759
* D). 936
* E). 1236

 **Answer : \_\_\_**

**Q9. Evaluate (6 × 105) ÷ (4 × 103).**

* A). 20
* B). 100
* C). 150
* D). 1500
* E). 2000

 **Answer : \_\_\_**

**Q10. A house and a lot cost $120,000. If the house cost three times as much as the lot, how much did the house cost?**

* A). $30,000
* B). $40,000
* C). $60,000
* D). $90,000
* E). $120,000

 **Answer : \_\_\_**

**Q11. Joan borrowed $1,300 to buy tools for her job as an auto mechanic. The loan is for one year and six months at 9% simple interest. Which of the following expressions could be used to find the amount she will pay back at the end of the loan period?**

* A). $1,300 × 1.5 × 0.09
* B). $1,300 × 1.6 × 0.09
* C). $1,300 × 1.5 × 9
* D). $1,300 + ($1,300 × 9 × 1.5)
* E). $1,300 + ($1,300 × 0.09 × 1.5)

 **Answer : \_\_\_**

**Q12. Norm borrows $8,000 for five years to make improvements to his home office. If the simple interest rate is 13%, how much will he pay in interest?**

* A). $5,200
* B). $4,000
* C). $1,040
* D). $420
* E). $400

 **Answer : \_\_\_**

**Q13. The solution x = −5 makes which of the following equations true?**

* A). 14 − x = 9
* B). x + 3 = 8
* C). 12x = −60
* D). 2x = 20
* E).  2x + 12 = 9

 **Answer : \_\_\_**

**Q14. Marc had $572.18 in his checking account. After writing a check, he had $434.68. Which of the following equations could be used to find the amount of the check (c)?**

* A). $572.18 + c = $434.68
* B). $572.18 − c = $434.68
* C). $572.18c = $434.68
* D). $572.18 − 2c = $434.68
* E). $434.68 + c = $572.18

 **Answer : \_\_\_**

**Q15. Ken earned x dollars at his part-time job on Friday. His wife earned $12 more than twice Ken’s pay (2x + 12). Together, they earned $174. How much did Ken earn on Friday?**

* A). $54
* B). $87
* C). $108
* D). $120
* E). $162

 **Answer : \_\_\_**

**Q16. Two adults and four children pay $48 to get into the fair. A child’s ticket is $6 less than an adult’s ticket. What is the cost of an adult’s ticket?**

* A). $18
* B). $15
* C). $12
* D). $9
* E). $6

 **Answer : \_\_\_**

**Q17. What is the median value of $268, $1,258, $654, $1,258, $900, $1,558, and $852?**

* A). $1,258
* B). $960
* C). $900
* D). $913
* E). $852

 **Answer : \_\_\_**

**Q18. What is the mode of the following: 14, 17, 14, 12, 13, 15, 22, and 11?**

* A). 13.5
* B). 14
* C). 14.75
* D). 16.5
* E). Not enough information is given.

 **Answer : \_\_\_**

**Q19. Charlie borrowed $1,500 from his aunt. He plans to pay his aunt back in nine months. If he pays 4% interest on the loan, what is the total amount he will pay back in nine months?**

* A). $540
* B). $1,455
* C). $1,545
* D). $1,560
* E). $2,040

 **Answer : \_\_\_**

**Q20. Max needs to ship six identical packages, each weighing 3 lb. 12 oz. What is the total weight of the shipment?**

* A). 19 lb. 2 oz.
* B). 22 lb. 5 oz.
* C). 22 lb. 8 oz.
* D). 24 lb. 12 oz.
* E). 25 lb. 2 oz.

 **Answer : \_\_\_**

**Q21. In a theater audience of 650 people, 80% were adults. How many children were in the audience?**

* A). 130
* B). 150
* C). 450
* D). 500
* E). 520

 **Answer : \_\_\_**

**Q22. On a certain map, 1 inch represents 60 miles. If two towns are 255 miles apart, what is the distance, in inches, between the towns on the map?**

* A). 4
* B). 4 (1/4)
* C). 4 (1/2)
* D). 4 (5/6)
* E). 4 (7/4)

 **Answer : \_\_\_**

**Q23. A carpenter has a board 4 feet 3 inches in length. He cuts off a piece 2 feet 8 inches in length. The length of the piece that is left is**

* A). 1 ft. 5 in.
* B). 1 ft. 7 in.
* C). 2 ft. 7 in.
* D). 2 ft. 5 in.
* E). 2 ft. 3 in.

 **Answer : \_\_\_**

**Q24.  A cardboard crate is 5 feet long, 3 feet wide, and 2 feet tall. What is its holding capacity?**

* A). 45 ft.³
* B). 37 ft.³
* C). 9 ft.³
* D). 30 ft.³
* E). 10 ft.³

 **Answer : \_\_\_**

**Questions 25 through 27 are based on the following graph.**



**Q25. How many gallons of paint were sold on Wednesday?**

* A). 3
* B). 4
* C). 5
* D). 6
* E). 9

 **Answer : \_\_\_**

**Q26. How much more paint was sold on Saturday than on Monday?**

* A). 6 gallons
* B). 8 gallons
* C). 10 gallons
* D). 11 gallons
* E). 12 gallons

 **Answer : \_\_\_**

**Q27. What was the total amount, in gallons, of paint sold by the store that week?**

* A). 20
* B). 25
* C). 30
* D). 60
* E). Not enough information is given.

 **Answer : \_\_\_**

**Q28. O is the center of the circle, and the measure of ∠O is 70°. What is the measure of ∠OAB?**



* A). 55°
* B). 60°
* C). 70°
* D). 75°
* E). 95°

 **Answer : \_\_\_**

**Q29. A bookcase has 3 large shelves and 4 small shelves. Each large shelf contains 8 more books than each small shelf. If the bookcase contains 297 books, how many books does each small shelf hold?**

* A). 29
* B). 31
* C). 32
* D). 35
* E). 39

 **Answer : \_\_\_**

**Q30. Ms. Kraus buys 40 feet of wool to use for scarves. How many scarves of 3 feet 4 inches each in length can she cut from this material, assuming each scarf is as wide as the original piece of fabric?**

* A). 12
* B). 15
* C). 16
* D). 18
* E). 120

 **Answer : \_\_\_**

***Questions 31 and 32 refer to the following graph.***



**Q31. Customers of Rico’s Beauty Supply can make purchases online, from a catalog, or in the store. About how much more did the company make from catalog sales than from online sales in March?**

* A). $35,000
* B). $65,000
* C). $130,000
* D). $195,000
* E). $650,000

 **Answer : \_\_\_**

**Q32. Approximately what fraction of the company’s total sales came from in-store sales?**

* A). 2/3
* B). 1/3
* C). 1/2
* D). 1/4
* E). 1/6

 **Answer : \_\_\_**

**Q33. Josh needs to replace the boards on a 22-foot section of his fence. If the boards are 5 (1/2) inches wide, how many boards should he buy to cover the distance?**

* A). 4
* B). 33
* C). 48
* D). 66
* E). 121

 **Answer : \_\_\_**

***Question 34 refers to the following graph.***



**Q34. What is the slope of the line that passes through points A and B on the coordinate graph?**

* *[In the examination, you have to enter the correct value]*

 **Answer : \_\_\_**



**Q35. What is the value of the expression 3(2x − y) + (3 + x)2, when x = 4 and y = 5?**

* *[In the examination, you have to enter the correct value]*

 **Answer : \_\_\_**

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**Link:** [**https://gotestprep.com/ged-math-test-question-pdf/**](https://gotestprep.com/ged-math-test-question-pdf/)