**GED Math Practice Test**

**Q1. Danny worked 40 hours and earned $6.30 per hour. His friend Erica earned $8.40 per hour at her job. How many hours would Erica have to work in order to equal Danny’s earnings for 40 hours?**

* A). 20
* B). 50
* C). 30
* D). 258
* E). Not enough information is given.

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

**Q2. ΔABC is a right triangle and \overline{\rm CD} ⊥ \overline{\rm AB}CD⊥AB . If the measure of ∠CAD = 40°, what is the measure of ∠DCB?**



* A). 10°
* B). 20°
* C). 40°
* D). 60°
* E). 90°

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

**Q3. The number of students in a class is x. One day, 5 students were absent. What fractional part of the class was present?**

* A). x/5
* B). 5/x
* C). 5 / x – 5
* D).  x + 5 / 5
* E). x – 5 / 5

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

**Q4. The gauge on a water tank shows that the tank is 1/3 full of water. In order to fill the tank, 16 gallons of water are added. How many gallons of water does the tank hold when full?**

* A). 20
* B). 24
* C). 28
* D). 32
* E). 42

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

**Q5. What is the length in feet of the ramp?**



* A). 11
* B). 17
* C). 20
* D). 22
* E). 31

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

**Q6. At a luncheon, 48 half-pints of fruit juice are served. What is the cost, at $3.50 per gallon, of these servings of fruit juice?**

* A). $6.00
* B). $7.00
* C). $10.50
* D). $15.50
* E). $17.50

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

**Q7. Given the equation x² + x − 6 = 0, which of the following give(s) a complete solution of the equation?**

* A). 2
* B). 2 and −3
* C). −2 and 3
* D). 2 and 3
* E). 3 and −3

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

|  |  |
| --- | --- |
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**Q8. What is the perimeter of the figure?**



* A). 6a + b
* B). 5a + 5b
* C). 6a + 4b
* D). 3a + 5b
* E). 3a + 5b

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

**Q9. A rectangular dining room has a floor area of 322 square feet. If the length of the room is 23 feet, what is the perimeter?**



* A). 28 feet
* B). 38 feet
* C). 48 feet
* D). 58 feet
* E). 74 feet

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

**Q10. What is the perimeter of the figure?**



* A). 11x + 5y
* B). 10x + 5y
* C). 11x + 4y
* D). 9x − y
* E). 8x + 3y

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

**Q11. Henry has $5 more than Oliver, and the same amount of money as Murray. Together, they have $85. How much money does Oliver have?**

* A). $10
* B). $20
* C). $25
* D). $45
* E). $55

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

**Q12. Question 12 is based on the following table.
This table gives the instructions that accompany an income tax form.**



***How much tax is due on a taxable income of $5,800?***

* A). $120
* B). $130
* C). $165
* D). $175
* E). $220

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

**Q13. A bed and breakfast charges $48.00 per day for a double room. In addition, there is 5% tax. How much does a couple pay for several days’ stay?**

* A). $144.20
* B). $151.20
* C). $156.20
* D). $158.40
* E). Not enough information is given.

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

**Q14. If \overline{\rm AC}AC is perpendicular to \overline{\rm CB}CB and m∠CBD = 125°, then m∠A equals**

* A). 15°
* B). 25°
* C). 35°
* D). 45°
* E). Not enough information is given.

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

**Q15. If the square of a number is added to the number increased by 4, the result is 60. If n represents the number, which equation can be used to find n?**

* A). n² + 4 = 60
* B). n² + 4n = 60
* C). n² + n + 4 = 60
* D). n² + 60 = 4n + 4
* E). n² + n = 64

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

**Q16. By how many dollars do the sales in the meat department exceed the sales in the dairy department?**



* A). $100
* B). $1,000
* C). $1,500
* D). $1,800
* E). $10,000

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

**Q17. A box of cereal is priced at x cents per box. A customer has a coupon for 15 cents off. If the store reduces prices by doubling the value of each coupon, how much, in cents, does the customer pay for the box of cereal?**

* A). x − 15
* B). x − 30
* C). x + 15
* D). x + 30
* E). Not enough information is given.

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

**Q18. The measures of the angles of a triangle are in the ratio 3:2:1. What is the measure of the largest angle of the triangle?**



* A). 65°
* B). 70°
* C). 72°
* D). 80°
* E). 90°

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

**Q19. If m∠1 = 36° and m∠2 = 2(m∠3), then m∠3 equals**



* A). 36°
* B). 48°
* C). 55°
* D). 58°
* E). 68°

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

**Q20.  Ms. Klein bought 4 pounds of beef and 3(1/2) pounds of chicken for $13.98. If the beef cost $2.76 per pound, what was the cost of the chicken per pound?**

* A). $0.72
* B). $0.80
* C). $0.84
* D). $0.87
* E). $0.92

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

**Q21. How many dollars were spent for labor?**



* A). $4,800
* B). $9,600
* C). $48,000
* D). $96,000
* E). $960,000

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

**Q22. The distance between two heavenly bodies is 63,150,000,000 miles. What is the number expressed in scientific notation?**

* A). 631.5 ×108
* B). 63.15 × 109
* C). 6315 × 107
* D). 6.315 × 1010
* E). 6.315 × 10-10

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

**Q23. What is the slope of the line passing through points A (5,4) and B (0,3)?**



* A). 1/10
* B). 1/5
* C). 3/5
* D). 4/5
* E). 5

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

**Q24. 1 kilometer =**

* A). 10 meters
* B). 100 meters
* C). 1,000 centimeters
* D). 10,000 centimeters
* E). 1,000,000 millimeters

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

**Q25. To measure the distance (DC) across a pond, a surveyor takes points A and B so that \overline{\rm AB}AB is parallel to \overline{\rm DC}DC. If \overline{\rm AB}AB = 60 feet, \overline{\rm EB}EB= 48 feet, and \overline{\rm ED}ED= 80 feet, find \overline{\rm DC}DC.**



* A). 72 ft.
* B). 84 ft.
* C). 96 ft
* D). 100 ft.
* E). 200 ft.

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

**Q26. The graph shows what happens to each $100 taken in by a small business. How many dollars out of each $100 taken in represent profit?**



* A). $8
* B). $9.5
* C). $10
* D). $15
* E). $51

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

**Q27. Nick scored 7 more points than Josh in a basketball game. Paul scored 2 points less than Josh in the same game. If the three boys scored a total of 38 points, how many points did Josh score?**

* A). 5
* B). 11
* C). 17
* D). 21
* E). 27

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

**Q28. A box in the form of a rectangle solid has a square base 5 feet in length and a height of h feet. If the volume of the rectangular solid is 200 cubic feet, which of the following equations may be used to find h?**

* A). 5h = 200
* B). 15h = 200
* C). 25h = 200
* D). h = 200 ÷ 5
* E). h = 5(200)

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

**Q29. Which point on the number line represents the closest approximation to the square root of 12?**



* A). A
* B). B
* C). C
* D). D
* E). E

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

**Q30. The diagram represents a large living room. What is the area, in square yards, of the room?**



* A). 16.6
* B). 33.3
* C). 40
* D). 50
* E). 210

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

**Download Answers Keys and Solution**

**Link:** <https://gotestprep.com/ged-math-practice-test/>