

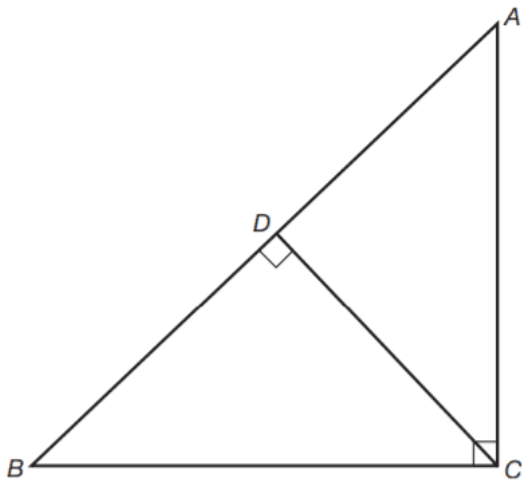
GED Math Practice Test

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. $\triangle ABC$ is a right triangle and $\overline{CD} \perp \overline{AB}$. If the measure of $\angle CAD = 40^\circ$, what is the measure of $\angle DCB$?



- 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). $x - 5/5$

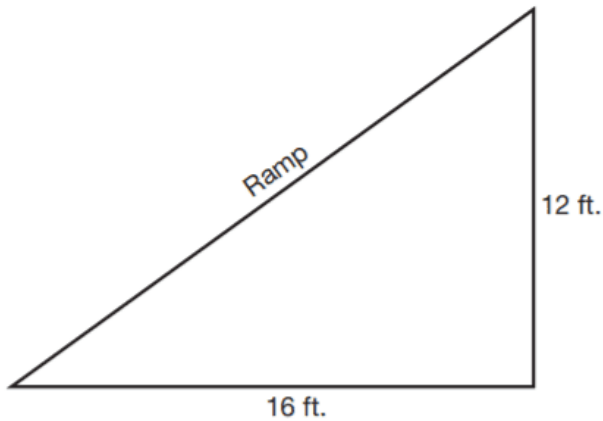
Answer : ____

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 $x^2 + x - 6 = 0$, which of the following give(s) a complete solution of the equation?

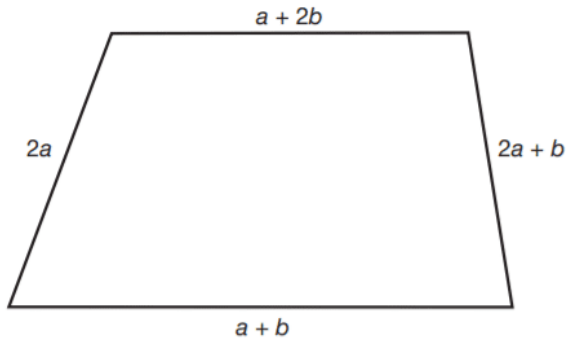
- A). 2
- B). 2 and -3
- C). -2 and 3
- D). 2 and 3
- E). 3 and -3

Answer : ____

Q8. What is the perimeter of the figure?

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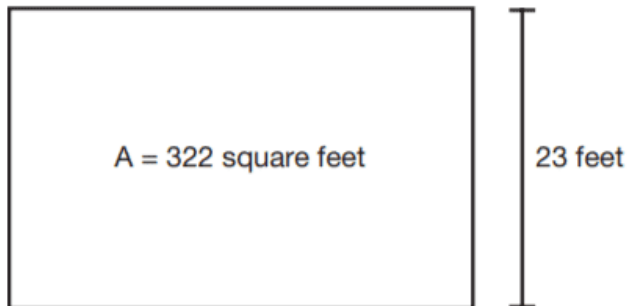
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- A). $6a + b$
- B). $5a + 5b$
- C). $6a + 4b$
- D). $3a + 5b$
- E). $3a + 5b$

Answer : ____

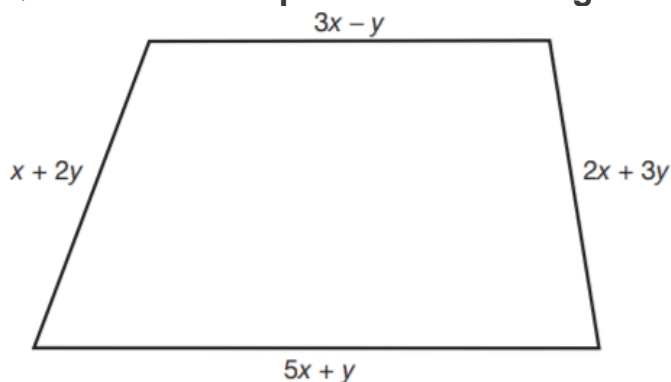
Q9. A rectangular dining room has a floor area of 322 square feet. If the length of the room is 23 feet, what is the perimeter?



- 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.

IF YOUR TAXABLE INCOME IS:

At Least	But Not More Than	Your Tax Is
0	\$3,499	2% of amount
\$3,500	\$4,499	\$70 plus 3% of any amount above \$3,500
\$4,500	\$7,499	\$100 plus 5% of any amount above \$4,500
\$7,500		\$250 plus 7% of any amount above \$7,500

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{AC} is perpendicular to \overline{CB} and $m\angle CBD = 125^\circ$, then $m\angle A$ equals

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

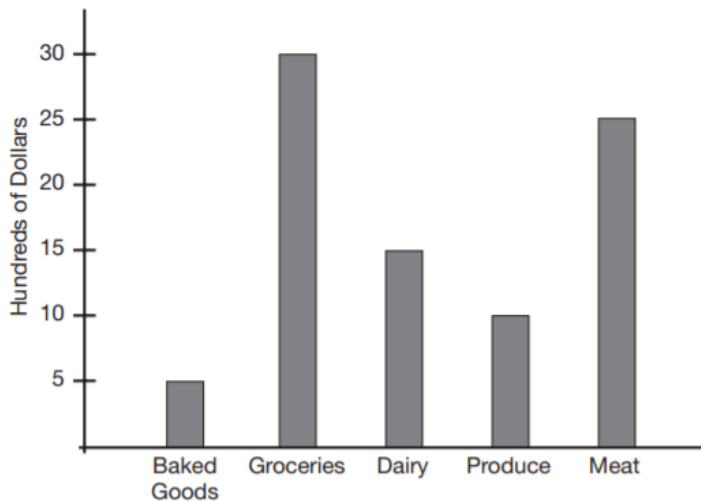
Answer : ____

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). $n^2 + 4 = 60$
- B). $n^2 + 4n = 60$
- C). $n^2 + n + 4 = 60$
- D). $n^2 + 60 = 4n + 4$
- E). $n^2 + n = 64$

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

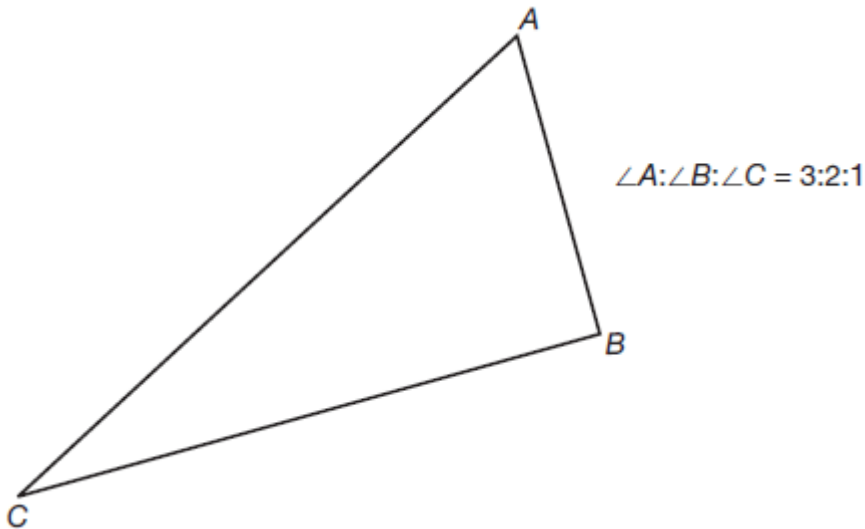
Answer : ____

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 : ____

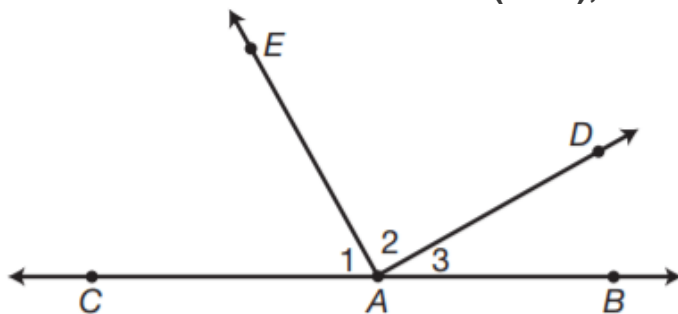
Q18. The measures of the angles of a triangle are in the ratio 3:2:1. What is the measure of the largest angle of the triangle?



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

Answer : ____

Q19. If $m\angle 1 = 36^\circ$ and $m\angle 2 = 2(m\angle 3)$, then $m\angle 3$ equals



- A). 36°
- B). 48°
- C). 55°

- D). 58°
- E). 68°

Answer : ____

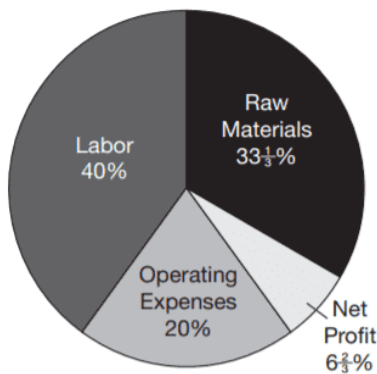
Q20. Ms. Klein bought 4 pounds of beef and $3\frac{1}{2}$ pounds of chicken for \$13.98. If the beef cost \$2.76 per pound, what was the cost of the chicken per pound?

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

Answer : ____

Q21. How many dollars were spent for labor?

**Distribution of Expenses
for Sales of \$240,000
Ace Manufacturing Company**



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

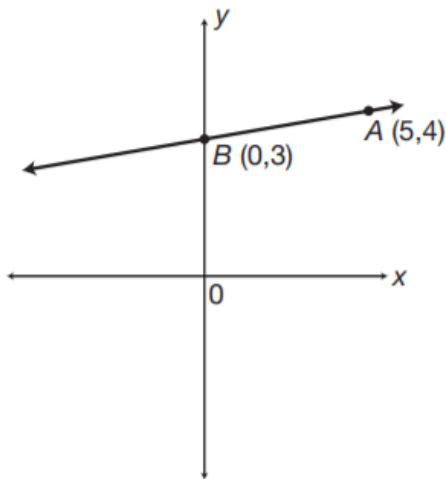
Answer : ____

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

- A). 631.5×10^8
- B). 63.15×10^9
- C). 6315×10^7
- D). 6.315×10^{10}
- 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

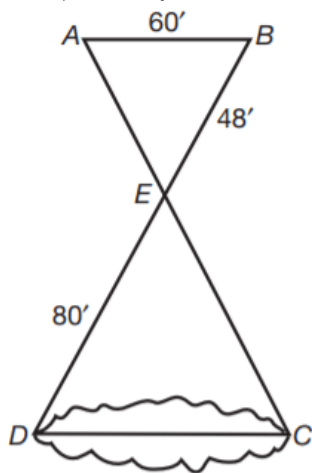
Answer : ____

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{AB} is parallel to \overline{DC} . If $\overline{AB} = 60$ feet, $\overline{EB} = 48$ feet, and $\overline{ED} = 80$ feet, find \overline{DC} .

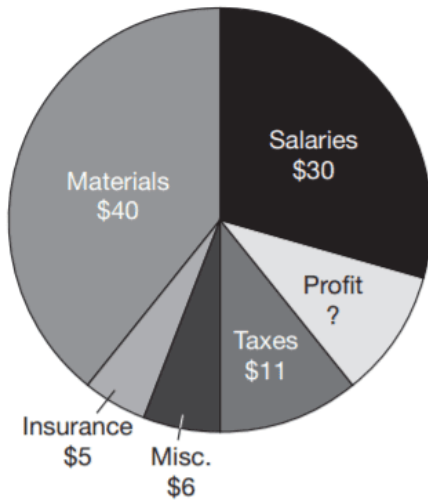


- A). 72 ft.
- B). 84 ft.
- C). 96 ft
- D). 100 ft.

- 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

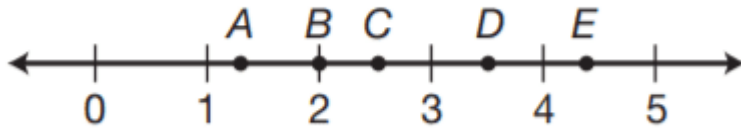
Answer : ____

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). $h = 200 \div 5$
- 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/>