

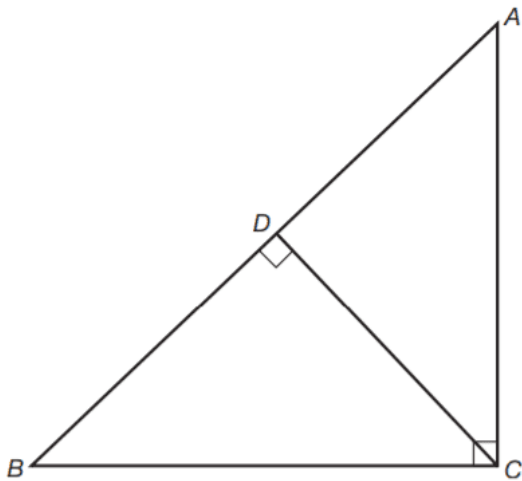
# GED Math Practice Test

**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).  $10^\circ$
- B).  $20^\circ$
- C).  $40^\circ$
- D).  $60^\circ$
- E).  $90^\circ$

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?

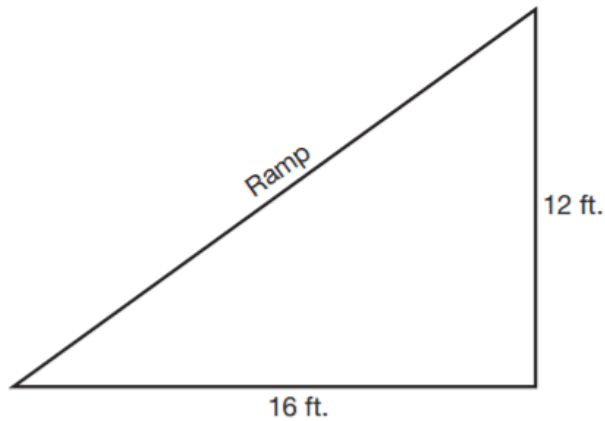
- A).  $x/5$
- B).  $5/x$
- C).  $5/x - 5$
- D).  $x + 5/5$
- E).  $x - 5/5$

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 : \_\_\_\_

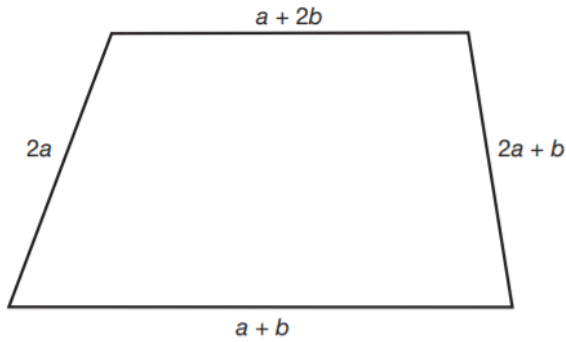
**Q7. Given the equation  $x^2 + x - 6 = 0$ , which of the following give(s) a complete solution of the equation?**

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

Answer : \_\_\_\_

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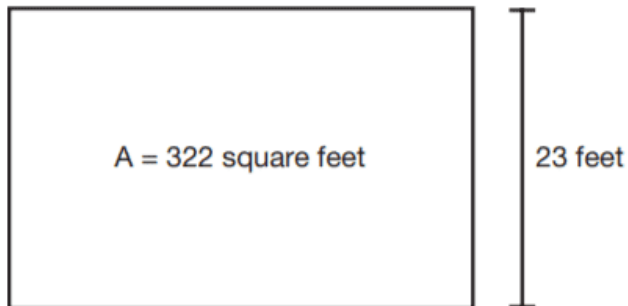
**Q8. What is the perimeter of the figure?**



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

Answer : \_\_\_\_

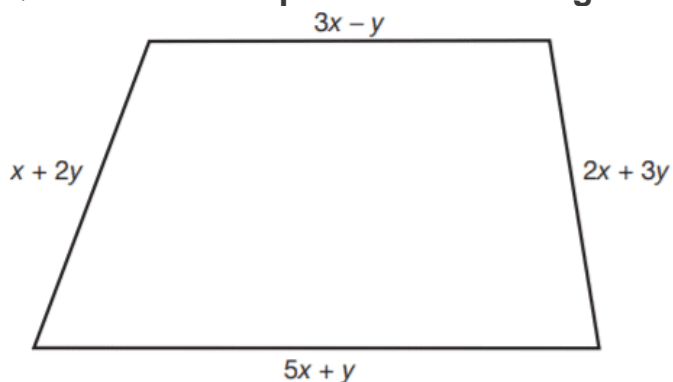
**Q9.** A rectangular dining room has a floor area of 322 square feet. If the length of the room is 23 feet, what is the perimeter?



- 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.

**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).  $15^\circ$
- B).  $25^\circ$
- C).  $35^\circ$
- D).  $45^\circ$
- E). Not enough information is given.

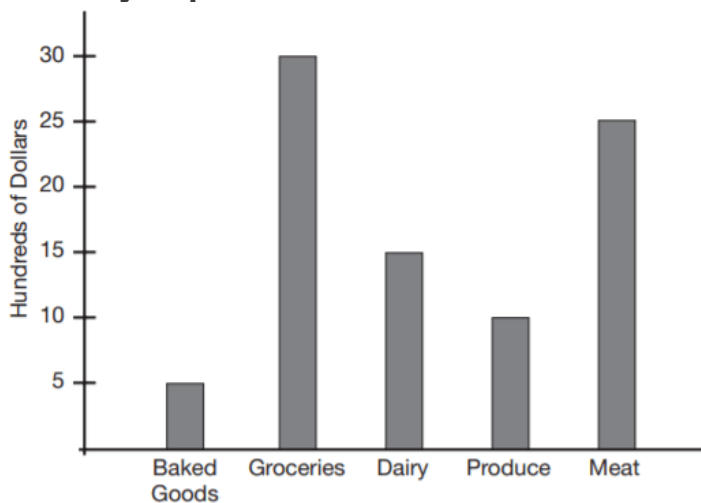
Answer : \_\_\_\_

**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

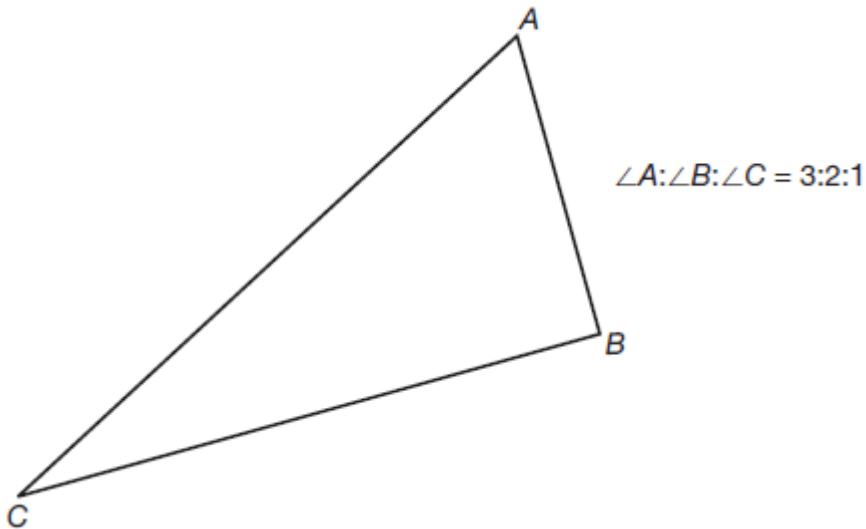
Answer : \_\_\_\_

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 : \_\_\_\_

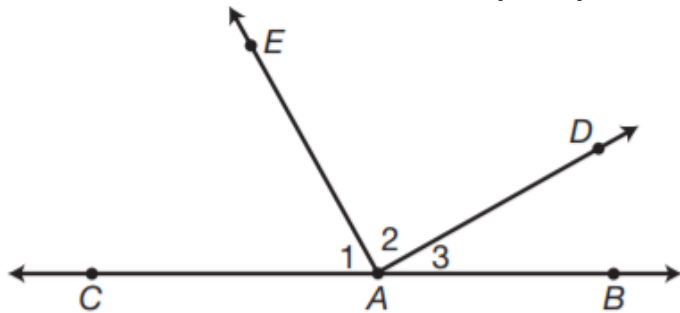
Q18. The measures of the angles of a triangle are in the ratio 3:2:1. What is the measure of the largest angle of the triangle?



- A).  $65^\circ$
- B).  $70^\circ$
- C).  $72^\circ$
- D).  $80^\circ$
- E).  $90^\circ$

Answer : \_\_\_\_

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



- A).  $36^\circ$
- B).  $48^\circ$
- C).  $55^\circ$

- D).  $58^\circ$
- E).  $68^\circ$

Answer : \_\_\_\_

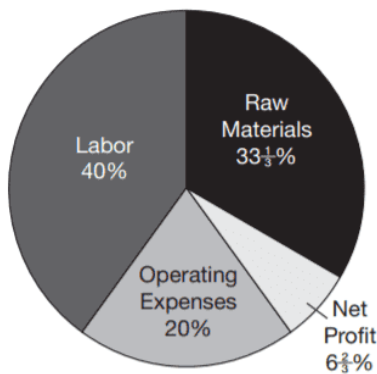
Q20. Ms. Klein bought 4 pounds of beef and  $3\frac{1}{2}$  pounds of chicken for \$13.98. If the beef cost \$2.76 per pound, what was the cost of the chicken per pound?

- 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

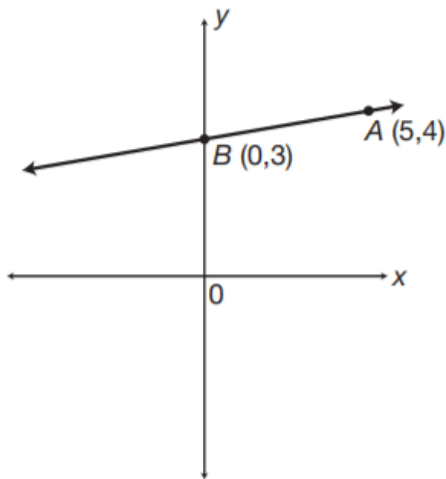
Answer : \_\_\_\_

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

- A).  $631.5 \times 10^8$
- B).  $63.15 \times 10^9$
- C).  $6315 \times 10^7$
- D).  $6.315 \times 10^{10}$
- E).  $6.315 \times 10^{-10}$

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

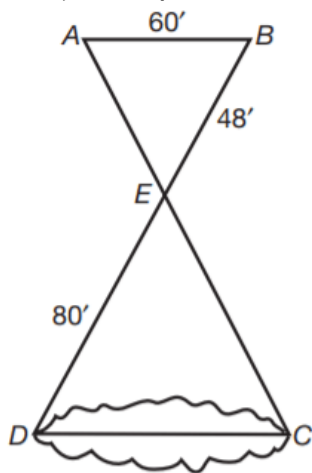
Answer : \_\_\_\_

**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  $\overline{DC}$ .**



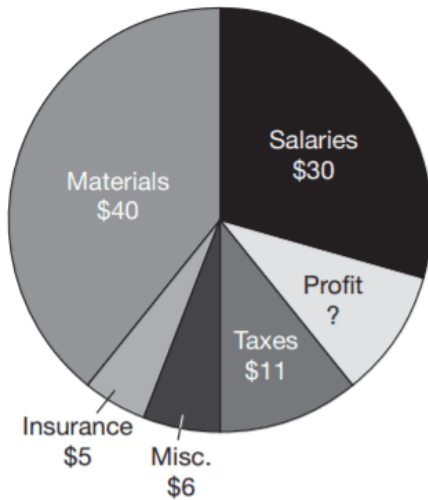
- A). 72 ft.
- B). 84 ft.
- C). 96 ft
- D). 100 ft.



- 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

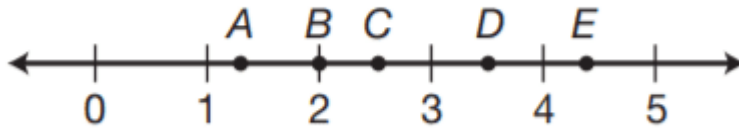
Answer : \_\_\_\_

**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 : \_\_\_\_

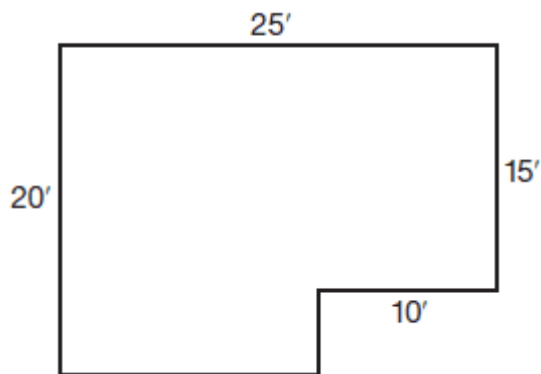
Q29. Which point on the number line represents the closest approximation to the square root of 12?



- 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/>