

OGET Math Practice Test
Sample Test -1

Q1. Simplify the expression by combine similar terms

$$8 - 5(6x - 2) - 5(6x - 2)$$

A. $3 - 12x$

B. $3 - 28x$

C. $18 - 30x$

D. $3 - 4x$

Show Answers

Q2. Which of the following expressions is equivalent to the expression $17 - 4x$ for all values of x ?

A. $1 - (2x - 8)$

B. $3 + (3x - 6)$

C. $5 - (4x - 12)$

D. $5 + (-6x - 17)$

Show Answers

Q3. If $\frac{3}{4}x - 11 = 1$ then find the value of x

A. 2

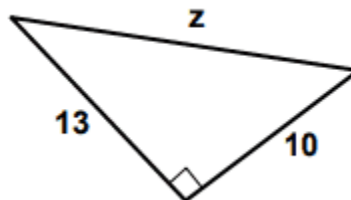
B. 4

C. 8

D. 16

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Q4. Find the side z is between which two integers in the following figure?



A. 15 and 16

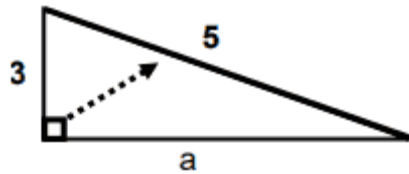
B. 16 and 17

C. 18 and 19

D. 20 and 21

Show Answers

Q5. Find the vaule of a



A. 1

B. 2

C. 3

D. 4

Show Answers

Q6. James has twice as many coins as Robert. Joseph has 5 more coins than James. If the total number of coins is 50, how many coins does Joseph have?

A. 23

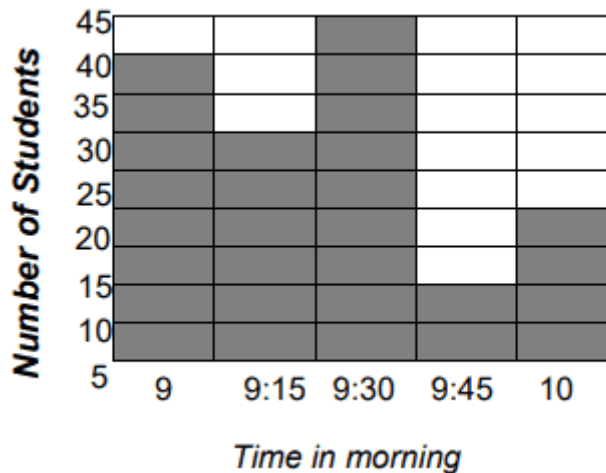
B. 26

C. 30

D. 34

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Q7. The table shows how many students entered class at different times



How many students entered class after 9 a.m.?

A. 80

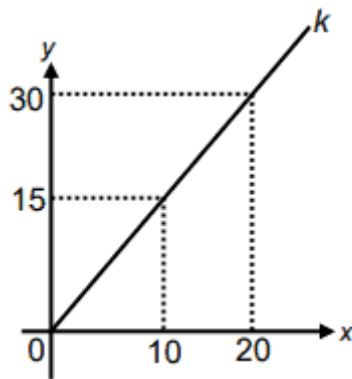
B. 90

C. 95

D. 105

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Q8. The following graph of line k is shown in the xy -plane above. The point on line k that has x -coordinate 40 is not shown. What is the y -coordinate of that point?



A. 35

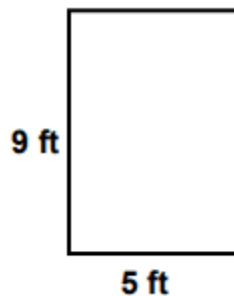
B. 40

C. 55

D. 60

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Q9. What is the length of a diagonal in the following rectangle?



A. 8.5 ft

B. 9.6 ft

C. 10.3 ft

D. 12.9 ft

Show Answers

Q10. Michele sells advertising in a local magazine. She makes \$450 per week plus \$50 for every new full page ad she sells that week. If she wants to make at least \$3000 so she can take a trip to Bali, how many ads will she need to sell?

A. 25

B. 31

C. 50

D. 51

Show Answers