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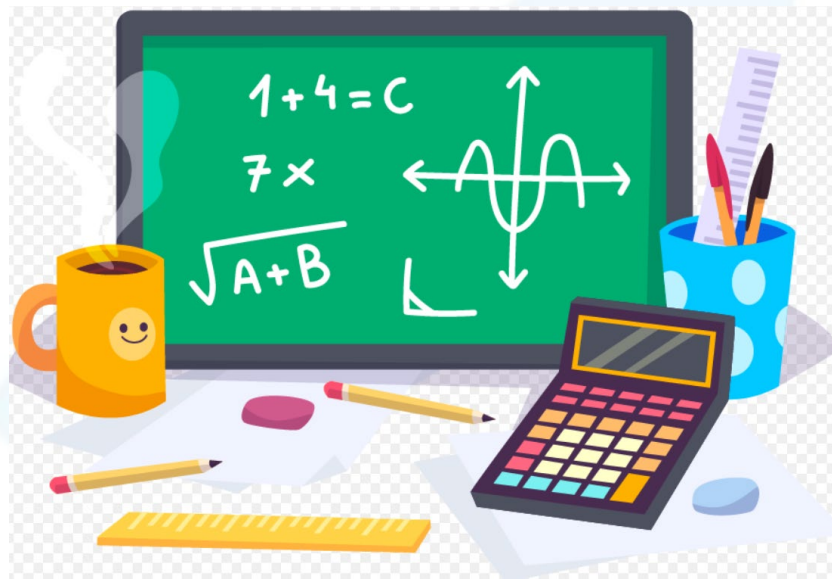
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Linear Equations Worksheets

- 1) Solve for $4x + 3 = x + 15$
- 2) Simplify $x/3 + 5/4 = -3/2$
- 3) The breadth of a rectangle is 5 units more than its breadth and its perimeter is 70 units. Find its length and its breadth.



- 4) The difference between two numbers is 14, and the ratio of the numbers is 5 : 7. Find the two numbers
- 5) Solve for x. $2x/3 + 5 = 11x/15 + 14$
- 6) One-third of a number is 30. What will be 30% of that number?
(a) 12 (b) 18 (c) 27 (d) 35
- 7) A number when divided by 7 is reduced by 36. The number is _____

- 8) One third of a number is more than of fifth of the number by 16. Find the number.
- 9) A two digit number is such that the sum of the digits is equal to 9. If 9 is added to the number the digits are interchanged. Find the two digit number.
a. 45 (b) 56 (c) 27 (d) 36
- 10) Half of the cost of a bread is more than one third of the cost of cheese by \$5. If the total cost of the bread and cheese is \$35, find the cost of the bread.

**When you learn math
in an interesting way,
you never forget.**



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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1)	4
2)	$-33/4$
3)	15
4)	35, 49
5)	-135
6)	c) 27
7)	42
8)	120
9)	a) 45
10)	\$ 20

FUN FACT

1. Linear expressions graphically can be represented as a line.
2. A problem situation with unknown values is often represented as a linear expression.
3. Linear expressions use variables x and y and are first degree expression.

