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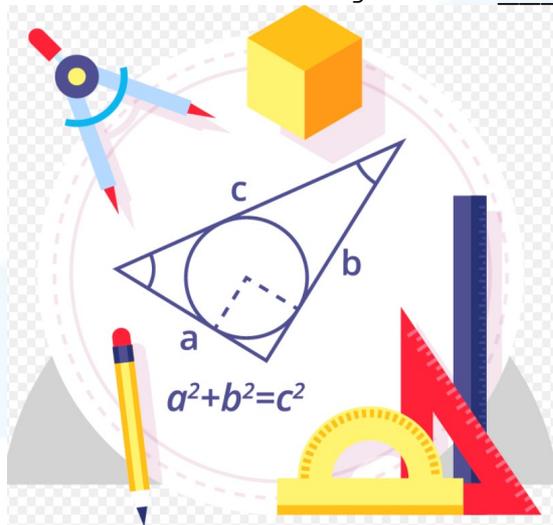
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Linear Equations Worksheets

- 1) Solve $7x - 11 = 2(3x + 5)$
- 2) Solve for $\frac{3}{7} + \frac{x}{3} = \frac{11}{14}$
- 3) The perimeter of a rectangle is 36 and its length is 8 units. The area of a rectangle is _____.



- 4) The difference between two numbers is 10 and the ratio of the two numbers is 7 : 9. Find the smallest of the two numbers.
(a) 25 (b) 35 (c) 42 (d) 49
- 5) The numerator is 2 lesser than the denominator, and the sum of the numerator and the denominator of the fraction is 8. Find the fraction.
- 6) Two third of a number is 48. Find 50% of that number.
(a) 20 (b) 28 (c) 36 (d) 64

- 7) The product of two numbers is 30 and the sum of their squares is 61. The sum of the number is _____.
- 8) A two digit number is such that the digits differ by 6. And the sum of this two digit number and the number obtained by reversing the order of the digits is 110. Find the number.
(a) 71 (b) 93 (c) 82 (d) 52
- 9) On a children's day, if 18 children were made to stand in a column, 20 columns could be formed. If 12 children were made to stand in a column, how many columns could be formed?
(a) 45 (b) 20 (c) 25 (d) 30
- 10) The ages of Sherry and Simson are in the ratio of 5 : 8. After 4 years, the ratio of their ages will become 2:3. The present age of Sherry (In years) is:
(a) 9 (b) 15 (c) 18 (d) 20 (e) 25

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in an interesting way,
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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)	11
8)	c) 82
9)	d) 30
10)	d) 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.

