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Linear Equations Worksheets

- 1) Solve for $15x + 10 = 5(2x + 7)$
- 2) Simplify for $11/7 + 3x = 2$
- 3) John has four time five dollar notes, as much as he has one dollar notes. John has a total amount of \$63. The total number of \$5 notes is _____.



- 4) The sum of three consecutive multiples of 7 are 126. Find the smallest of the three multiples.
- 5) Solve for x. $x/2 + 5/4 = 17/8 - 3x$
- 6) Three-fourth of a number exceeds its one-third by 60. The number is:
(a) 108 (b) 144 (c) 184
(d) 288 (e) 100

- 7) A number when divided by 5 is reduced by 28. The number is:
(a) 18 (b) 25 (c) 28 (d) 35
- 8) By how much is one third of 87 greater than one fifth of 90?
(a) 8 (b) 9 (c) 10 (d) 11
- 9) The sum of a two digit number and the number formed by interchanging its digits is 111. The sum of the digits of the two digit number is 11.
(a) 92 (b) 83 (c) 56 (d) 74
- 10) A fifth of Sam's marks in Economics is lesser than one third of his marks in French by 50. If he got 300 marks in the two subjects together, how many marks did he get in Economics?
(a) 140 (b) 160 (c) 180 (d) 200

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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)	6
2)	$1/7$
3)	12
4)	35
5)	$1/4$
6)	144
7)	d)
8)	d)
9)	c)
10)	c)

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.

