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LINEAR EQUATION IN ONE VARIABLE 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.

2, 4, 6, 8, 10

24, 26, 28, 30

46, 48, 50, 52

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. Four-fifth of a certain number is 64. half of that number is _____ .
(a)16 (b)32 (c)40 (d) 80 (e)160

36	37	38	39
40	41	42	43
44	45	46	47

8. In a two digit number, the ten's digit is twice the unit's digit. When the number is decreased by 36, the digits are reversed. Find the two digit number.
(a) 63 (b) 84 (c) 93 (d) 31
9. A two-digit number is 7 more than three times the sum of the digits. If 36 is added to the number, the digits are reversed. Find the two digit number.
(a) 86 (b) 64 (c) 28 (d) 37
10. The ratio of the ages of John and Peter is 3 : 5. The sum of their ages is 24 years. The ratio of their ages after 3 years will be:
(a) 4 : 3 (b) 2 : 3 (c) 7 : 4 (d) 6 : 5 (e) 2 : 1

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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
5)	$(1/4)$
6)	144

7)	(c) .60
8)	(b) .84
9)	(d) .37
10)	(b) . 2 : 3