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Subject: Mathematics)

- Which of the following is not a linear equation in one variable?
a) 33 b) $33(x+y)$
c) $33x$ d) $33y$
- The solution of $2x-3=7$ is:
a) 5 b) 7
c) 12 d) 11
- The solution of $2y + 9 = 4$ is:
a) $9/2$ b) $4/9$
c) $-2/5$ d) $-5/2$
- The solution of $y/5 = 10$ is:
a) 15 b) 10
c) 50 d) 5
- What should be added to $-7/3$ to get $3/7$?
a) $21/58$ b) $58/21$
c) $47/21$ d) $50/21$
- The perimeter of rectangle is 20cm. If the length of rectangle is 6cm, then its breadth will be:
a) 4 cm b) 6 cm
c) 10 cm d) 14 cm
- The age of father is three times the age of son. If the age of son is 15 years old, then the age of father is:
a) 50 years b) 55 years
c) 40 years d) 45 years
- The difference between two whole numbers is 66. The ratio of the two numbers is 2 : 5. The two numbers are:
a) 60 and 6 b) 100 and 33
c) 110 and 44 d) 99 and 33