Kaboodle

Class 8 Maths Worksheet

WS3

Linear Equations in One Variable

Topic: Equations

Name:

Date:

Note: Provide the answers in proper fraction. Eg. 9/25

Solve each of the following equations:

1. $3x/4 - (x-1)/2 = (x-2)/3$

2. $5x/3 - (x-1)/4 = (x-3)/5$

3. $(3x+1)/16 + (2x-3)/7 = (x+3)/8 + (3x-1)/14$

4. $(1-2x)/7 - (2-3x)/8 = 3/2 + x/4$

5. $(9x+7)/2 - (x - (x-2)/7) = 36$

6. $0.18(5x - 4) = 0.5x + 0.8$ (In Decimal)

7. $2/3x - 3/2x = 1/12$

8. $4x/9 + 1/3 + 13x/108 = (8x+19)/18$

9. $(45-2x)/15 - (4x+10)/5 = (15-14x)/9$

10. $5(7x+5)/3 - 23/3 = 13 - (4x-2)/3$

LIVEWORKSHEETS