



GRADE 7 • TWO-STEP EQUATIONS

Undo two steps

Solve for x by undoing operations in reverse order.

NAME _____

DATE _____

01 $3x + 4 = 19$. $x =$ _____

02 $4x - 3 = 21$. $x =$ _____

03 $2x + 7 = 25$. $x =$ _____

04 $5x - 8 = 12$. $x =$ _____

05 $6x + 5 = 23$. $x =$ _____

06 $7x - 6 = 8$. $x =$ _____

07 $3x + 8 = 2$. $x =$ _____



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08 $4x + 5 = -7$. $x =$ _____

09 $5x - 4 = -9$. $x =$ _____

10 $2x - 9 = 15$. $x =$ _____

11 $6x + 3 = 45$. $x =$ _____

12 $8x - 5 = 27$. $x =$ _____

13 $2x + 5 = 19$. $x =$ _____

14 $3x - 4 = 20$. $x =$ _____



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15 $4x + 9 = 29$. $x =$ _____

16 $5x - 7 = 23$. $x =$ _____

17 $6x + 11 = 35$. $x =$ _____

18 $7x - 8 = 13$. $x =$ _____

19 $2x + 9 = 1$. $x =$ _____

20 $3x + 7 = -8$. $x =$ _____

21 $4x - 6 = -14$. $x =$ _____



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22 $5x - 11 = 34$. $x =$ _____

23 $6x + 5 = 53$. $x =$ _____

24 $8x - 9 = 7$. $x =$ _____

25 $2x + 3 = 25$. $x =$ _____

26 $3x - 5 = 16$. $x =$ _____

27 $4x + 7 = 39$. $x =$ _____

28 $5x - 9 = 6$. $x =$ _____



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29 $6x + 13 = 43$. $x =$ _____

30 $7x - 10 = 18$. $x =$ _____

31 $2x + 7 = -5$. $x =$ _____

32 $3x + 11 = -1$. $x =$ _____

33 $4x - 3 = -23$. $x =$ _____

34 $5x - 12 = 28$. $x =$ _____

35 $6x + 4 = 58$. $x =$ _____