



Find the value of x.

1) $20 + 3x = 76 + -5x$

2) $33 + 3x = 63 + -7x$

3) $40 + -2x = 46 + -4x$

4) $-2x + 88 = -10x + 120$

5) $4x - 7 = 38 - 5x$

6) $0 + 4x = -4x + 48$

7) $-1x + 53 = 103 + -11x$

8) $-1x + 60 = -4x + 84$

9) $82 + -4x = 103 + -7x$

10) $54 + 4x = 63 + 1x$

11) $-3x + 53 = -7x + 89$

12) $83 + 1x = 101 + -2x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $20 + 3x = 76 + -5x$

$8x = 56$

$x = 7$

2) $33 + 3x = 63 + -7x$

$10x = 30$

$x = 3$

3) $40 + -2x = 46 + -4x$

$2x = 6$

$x = 3$

4) $-2x + 88 = -10x + 120$

$8x = 32$

$x = 4$

5) $4x - 7 = 38 - 5x$

$9x = 45$

$x = 5$

6) $0 + 4x = -4x + 48$

$8x = 48$

$x = 6$

7) $-1x + 53 = 103 + -11x$

$10x = 50$

$x = 5$

8) $-1x + 60 = -4x + 84$

$3x = 24$

$x = 8$

9) $82 + -4x = 103 + -7x$

$3x = 21$

$x = 7$

10) $54 + 4x = 63 + 1x$

$3x = 9$

$x = 3$

11) $-3x + 53 = -7x + 89$

$4x = 36$

$x = 9$

12) $83 + 1x = 101 + -2x$

$3x = 18$

$x = 6$

Answers

1. 7

2. 3

3. 3

4. 4

5. 5

6. 6

7. 5

8. 8

9. 7

10. 3

11. 9

12. 6



Find the value of x.

3

3

4

6

7

5

7

5

3

8

1) $20 + 3x = 76 + -5x$

2) $33 + 3x = 63 + -7x$

3) $40 + -2x = 46 + -4x$

4) $-2x + 88 = -10x + 120$

5) $4x - 7 = 38 - 5x$

6) $0 + 4x = -4x + 48$

7) $-1x + 53 = 103 + -11x$

8) $-1x + 60 = -4x + 84$

9) $82 + -4x = 103 + -7x$

10) $54 + 4x = 63 + 1x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____