**Find the value of x.**

1) $5x + 58 = 2x + 70$

2) $-1x + 55 = 145 - 10x$

3) $46 + 1x = -7x + 126$

4) $-2x + 55 = 100 - 11x$

5) $4 + 2x = -2x + 44$

6) $114 + -3x = 194 + -11x$

7) $4x - 12 = -2x + 36$

8) $-3x + 90 = 117 - 12x$

9) $-2x + 90 = 125 + -7x$

10) $101 + -3x = -10x + 129$

11) $-1x + 46 = 116 - 11x$

12) $3x + 22 = 92 - 7x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

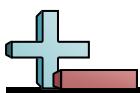
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $5x + 58 = 2x + 70$
 $3x = 12$
 $x = 4$

2) $-1x + 55 = 145 - 10x$
 $9x = 90$
 $x = 10$

Answers1. **4**2. **10**3. **10**4. **5**5. **10**6. **10**7. **8**8. **3**9. **7**10. **4**11. **7**12. **7**

3) $46 + 1x = -7x + 126$
 $8x = 80$
 $x = 10$

4) $-2x + 55 = 100 - 11x$
 $9x = 45$
 $x = 5$

5) $4 + 2x = -2x + 44$
 $4x = 40$
 $x = 10$

6) $114 + -3x = 194 + -11x$
 $8x = 80$
 $x = 10$

7) $4x - 12 = -2x + 36$
 $6x = 48$
 $x = 8$

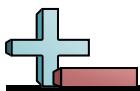
8) $-3x + 90 = 117 - 12x$
 $9x = 27$
 $x = 3$

9) $-2x + 90 = 125 + -7x$
 $5x = 35$
 $x = 7$

10) $101 + -3x = -10x + 129$
 $7x = 28$
 $x = 4$

11) $-1x + 46 = 116 - 11x$
 $10x = 70$
 $x = 7$

12) $3x + 22 = 92 - 7x$
 $10x = 70$
 $x = 7$

**Find the value of x.**

1) $3x + -1 = 0x + 14$

2) $-22 + 5x = 23 + 0x$

3) $-1x + 60 = 80 + -5x$

4) $2x + -4 = 26 + -1x$

5) $-5x + 91 = -11x + 103$

6) $26 + 2x = 61 - 3x$

7) $-1x + 97 = 111 - 3x$

8) $100 + -4x = -10x + 118$

9) $5x + -24 = 46 + -2x$

10) $79 + 1x = -7x + 119$

11) $12 + 1x = -6x + 75$

12) $50 - 1x = 90 - 9x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

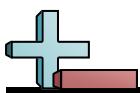
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $3x + -1 = 0x + 14$

$3x = 15$

$x = 5$

2) $-22 + 5x = 23 + 0x$

$5x = 45$

$x = 9$

3) $-1x + 60 = 80 + -5x$

$4x = 20$

$x = 5$

4) $2x + -4 = 26 + -1x$

$3x = 30$

$x = 10$

5) $-5x + 91 = -11x + 103$

$6x = 12$

$x = 2$

6) $26 + 2x = 61 - 3x$

$5x = 35$

$x = 7$

7) $-1x + 97 = 111 - 3x$

$2x = 14$

$x = 7$

8) $100 + -4x = -10x + 118$

$6x = 18$

$x = 3$

9) $5x + -24 = 46 + -2x$

$7x = 70$

$x = 10$

10) $79 + 1x = -7x + 119$

$8x = 40$

$x = 5$

11) $12 + 1x = -6x + 75$

$7x = 63$

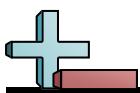
$x = 9$

12) $50 - 1x = 90 - 9x$

$8x = 40$

$x = 5$

Answers1. **5**2. **9**3. **5**4. **10**5. **2**6. **7**7. **7**8. **3**9. **10**10. **5**11. **9**12. **5**



Find the value of x.

1) $-1x + 41 = -8x + 62$

2) $92 - 5x = -9x + 100$

3) $-5x + 116 = -7x + 132$

4) $90 + -3x = 120 + -6x$

5) $81 + 1x = -1x + 95$

6) $-3x + 92 = 110 - 12x$

7) $104 + -2x = -5x + 125$

8) $-21 + 4x = 59 + -4x$

9) $74 + -3x = 80 + -5x$

10) $-2x + 33 = 43 + -4x$

11) $74 + -2x = 106 + -6x$

12) $-5x + 53 = 83 + -10x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

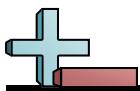
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $62 + 2x = 134 - 7x$

2) $37 + -2x = 41 + -4x$

3) $46 - 1x = 61 - 6x$

4) $72 + 3x = 112 + -7x$

5) $1x + 67 = -1x + 85$

6) $-3x + 78 = -13x + 168$

7) $43 + 3x = 88 + -6x$

8) $76 - 1x = 94 - 10x$

9) $1x + 2 = -5x + 56$

10) $-5x + 26 = -14x + 53$

11) $-1x + 22 = -11x + 52$

12) $-2x + 91 = 103 + -6x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

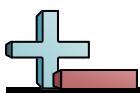
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $62 + 2x = 134 - 7x$
 $9x = 72$
 $x = 8$

2) $37 + -2x = 41 + -4x$
 $2x = 4$
 $x = 2$

3) $46 - 1x = 61 - 6x$
 $5x = 15$
 $x = 3$

4) $72 + 3x = 112 + -7x$
 $10x = 40$
 $x = 4$

5) $1x + 67 = -1x + 85$
 $2x = 18$
 $x = 9$

6) $-3x + 78 = -13x + 168$
 $10x = 90$
 $x = 9$

7) $43 + 3x = 88 + -6x$
 $9x = 45$
 $x = 5$

8) $76 - 1x = 94 - 10x$
 $9x = 18$
 $x = 2$

9) $1x + 2 = -5x + 56$
 $6x = 54$
 $x = 9$

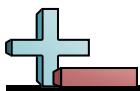
10) $-5x + 26 = -14x + 53$
 $9x = 27$
 $x = 3$

11) $-1x + 22 = -11x + 52$
 $10x = 30$
 $x = 3$

12) $-2x + 91 = 103 + -6x$
 $4x = 12$
 $x = 3$

Answers

1. 8
2. 2
3. 3
4. 4
5. 9
6. 9
7. 5
8. 2
9. 9
10. 3
11. 3
12. 3



Find the value of x.

1) $2x + 67 = -8x + 87$

2) $54 + 4x = 117 - 3x$

3) $-31 + 5x = 0x + 14$

4) $33 + -1x = -10x + 69$

5) $-28 + 5x = 0x + 12$

6) $-5x + 113 = -13x + 153$

7) $-4x + 55 = 83 - 8x$

8) $55 - 1x = -11x + 155$

9) $77 - 2x = 109 - 6x$

10) $56 + -2x = 88 + -10x$

11) $52 + -1x = 88 + -7x$

12) $-3x + 23 = -7x + 35$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

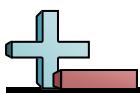
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $2x + 67 = -8x + 87$
 $10x = 20$
 $x = 2$

2) $54 + 4x = 117 - 3x$
 $7x = 63$
 $x = 9$

3) $-31 + 5x = 0x + 14$
 $5x = 45$
 $x = 9$

4) $33 + -1x = -10x + 69$
 $9x = 36$
 $x = 4$

5) $-28 + 5x = 0x + 12$
 $5x = 40$
 $x = 8$

6) $-5x + 113 = -13x + 153$
 $8x = 40$
 $x = 5$

7) $-4x + 55 = 83 - 8x$
 $4x = 28$
 $x = 7$

8) $55 - 1x = -11x + 155$
 $10x = 100$
 $x = 10$

9) $77 - 2x = 109 - 6x$
 $4x = 32$
 $x = 8$

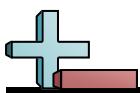
10) $56 + -2x = 88 + -10x$
 $8x = 32$
 $x = 4$

11) $52 + -1x = 88 + -7x$
 $6x = 36$
 $x = 6$

12) $-3x + 23 = -7x + 35$
 $4x = 12$
 $x = 3$

Answers

1. 2
2. 9
3. 9
4. 4
5. 8
6. 5
7. 7
8. 10
9. 8
10. 4
11. 6
12. 3

**Find the value of x.**

1) $2x + 15 = 0x + 33$

2) $-5x + 100 = -11x + 112$

3) $-1x + 95 = 130 - 6x$

4) $-5x + 75 = -9x + 103$

5) $3x + 8 = -4x + 64$

6) $1x + 17 = 52 + -6x$

7) $19 + 2x = 34 - 3x$

8) $22 + 5x = -5x + 122$

9) $-1x + 84 = 174 - 10x$

10) $3x + 26 = 38 + 1x$

11) $72 + -4x = 108 + -13x$

12) $25 + -2x = 40 + -7x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

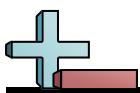
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $2x + 15 = 0x + 33$

$2x = 18$

$x = 9$

2) $-5x + 100 = -11x + 112$

$6x = 12$

$x = 2$

3) $-1x + 95 = 130 - 6x$

$5x = 35$

$x = 7$

4) $-5x + 75 = -9x + 103$

$4x = 28$

$x = 7$

5) $3x + 8 = -4x + 64$

$7x = 56$

$x = 8$

6) $1x + 17 = 52 + -6x$

$7x = 35$

$x = 5$

7) $19 + 2x = 34 - 3x$

$5x = 15$

$x = 3$

8) $22 + 5x = -5x + 122$

$10x = 100$

$x = 10$

9) $-1x + 84 = 174 - 10x$

$9x = 90$

$x = 10$

10) $3x + 26 = 38 + 1x$

$2x = 12$

$x = 6$

11) $72 + -4x = 108 + -13x$

$9x = 36$

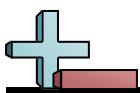
$x = 4$

12) $25 + -2x = 40 + -7x$

$5x = 15$

$x = 3$

Answers1. **9**2. **2**3. **7**4. **7**5. **8**6. **5**7. **3**8. **10**9. **10**10. **6**11. **4**12. **3**



Find the value of x.

1) $56 - 1x = -11x + 106$

2) $59 + -3x = 77 + -5x$

3) $1x + 39 = 64 - 4x$

4) $-5x + 45 = 65 - 15x$

5) $13 + 3x = -4x + 62$

6) $-19 + 4x = 13 + 0x$

7) $55 + 3x = -1x + 79$

8) $-3x + 39 = -9x + 51$

9) $66 + 2x = 120 - 7x$

10) $-2x + 42 = -10x + 90$

11) $4x + 32 = -4x + 48$

12) $-2x + 75 = 84 + -5x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

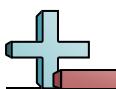
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $56 - 1x = -11x + 106$
 $10x = 50$
 $x = 5$

2) $59 + -3x = 77 + -5x$
 $2x = 18$
 $x = 9$

3) $1x + 39 = 64 - 4x$
 $5x = 25$
 $x = 5$

4) $-5x + 45 = 65 - 15x$
 $10x = 20$
 $x = 2$

5) $13 + 3x = -4x + 62$
 $7x = 49$
 $x = 7$

6) $-19 + 4x = 13 + 0x$
 $4x = 32$
 $x = 8$

7) $55 + 3x = -1x + 79$
 $4x = 24$
 $x = 6$

8) $-3x + 39 = -9x + 51$
 $6x = 12$
 $x = 2$

9) $66 + 2x = 120 - 7x$
 $9x = 54$
 $x = 6$

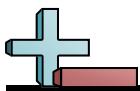
10) $-2x + 42 = -10x + 90$
 $8x = 48$
 $x = 6$

11) $4x + 32 = -4x + 48$
 $8x = 16$
 $x = 2$

12) $-2x + 75 = 84 + -5x$
 $3x = 9$
 $x = 3$

Answers

1. 5
2. 9
3. 5
4. 2
5. 7
6. 8
7. 6
8. 2
9. 6
10. 6
11. 2
12. 3

**Find the value of x.**

1) $-4x + 66 = -8x + 82$

2) $8 + 1x = 20 + -3x$

3) $4x + 9 = -1x + 24$

4) $9 + 2x = -6x + 25$

5) $61 - 1x = 76 - 4x$

6) $73 + -4x = 118 + -13x$

7) $18 + -1x = -5x + 46$

8) $-4x + 72 = -14x + 152$

9) $95 + -5x = 119 + -9x$

10) $-2x + 55 = 63 + -6x$

11) $55 + 1x = -8x + 109$

12) $4x + 23 = 41 + 1x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

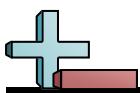
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $62 - 1x = -11x + 122$

2) $40 - 1x = 110 - 8x$

3) $64 - 3x = 92 - 7x$

4) $-5x + 71 = -14x + 98$

5) $1x + 41 = 59 - 8x$

6) $-5x + 122 = -15x + 212$

7) $96 + -3x = -6x + 120$

8) $-5x + 113 = 153 + -9x$

9) $-1x + 91 = -7x + 127$

10) $65 + -5x = 83 + -14x$

11) $139 + -5x = 199 + -11x$

12) $-21 + 4x = 3 + 1x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

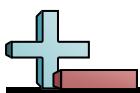
8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $62 - 1x = -11x + 122$
 $10x = 60$
 $x = 6$

2) $40 - 1x = 110 - 8x$
 $7x = 70$
 $x = 10$

3) $64 - 3x = 92 - 7x$
 $4x = 28$
 $x = 7$

4) $-5x + 71 = -14x + 98$
 $9x = 27$
 $x = 3$

5) $1x + 41 = 59 - 8x$
 $9x = 18$
 $x = 2$

6) $-5x + 122 = -15x + 212$
 $10x = 90$
 $x = 9$

7) $96 + -3x = -6x + 120$
 $3x = 24$
 $x = 8$

8) $-5x + 113 = 153 + -9x$
 $4x = 40$
 $x = 10$

9) $-1x + 91 = -7x + 127$
 $6x = 36$
 $x = 6$

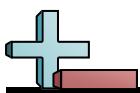
10) $65 + -5x = 83 + -14x$
 $9x = 18$
 $x = 2$

11) $139 + -5x = 199 + -11x$
 $6x = 60$
 $x = 10$

12) $-21 + 4x = 3 + 1x$
 $3x = 24$
 $x = 8$

Answers

1. 6
 2. 10
 3. 7
 4. 3
 5. 2
 6. 9
 7. 8
 8. 10
 9. 6
 10. 2
 11. 10
 12. 8



Find the value of x.

1) $-19 + 4x = 21 + 0x$

2) $-4x + 107 = 155 + -10x$

3) $49 + 2x = -8x + 99$

4) $-4x + 88 = -7x + 112$

5) $-3x + 45 = -9x + 93$

6) $5x + 56 = -2x + 91$

7) $56 + 1x = -8x + 137$

8) $4x + 17 = 32 + 1x$

9) $-3x + 53 = -9x + 77$

10) $19 + -4x = 33 + -11x$

11) $-2x + 38 = -12x + 58$

12) $52 - 1x = 72 - 5x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

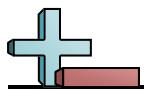
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9. _____

10. _____

11. _____

12. _____



Find the value of x.

$$\begin{aligned} 1) \quad -19 + 4x &= 21 + 0x \\ 4x &= 40 \\ x &\equiv 10 \end{aligned}$$

$$2) \quad -4x + 107 = 155 + -10x$$

$$\textcolor{red}{6x = 48}$$

$$\textcolor{red}{x = 8}$$

$$3) \quad 49 + 2x = -8x + 99$$
$$10x = 50$$
$$x = 5$$

$$4) \quad -4x + 88 = -7x + 112$$
$$3x = 24$$
$$x = 8$$

$$\begin{aligned} 5) \quad -3x + 45 &= -9x + 93 \\ 6x &= 48 \\ x &\equiv 8 \end{aligned}$$

$$\begin{aligned} 6) \quad & 5x + 56 = -2x + 91 \\ & 7x = 35 \\ & x = 5 \end{aligned}$$

$$7) \quad 56 + 1x = -8x + 137$$
$$\quad \quad \quad 9x = 81$$
$$\quad \quad \quad x \equiv 9$$

$$8) \quad 4x + 17 = 32 + 1x$$
$$\textcolor{red}{3x = 15}$$
$$\textcolor{red}{x = 5}$$

$$9) \quad -3x + 53 = -9x + 77$$
$$\quad \quad \quad 6x = 24$$
$$\quad \quad \quad x = 4$$

$$10) \quad 19 + -4x = 33 + -11x$$

$$7x = 14$$

$$x = 2$$

$$11) \quad -2x + 38 = -12x + 58$$
$$10x = 20$$
$$x = 2$$

$$12) \quad 52 - 1x = 72 - 5x$$
$$4x = 20$$
$$x = 5$$

Answers

10

8

8

3 5

48

8

7

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Page 1

8. _____

9. _____

10.

11. 2

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								