Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 12 + 1x = 22

2) 1 + 1x = 10

3) 3 + 4x = 11

4) -2 + 4x = 30

5) 133 - 10x = 53

6) 28 + -3x = 10

7) 82 + -6x = 46

8) 51 + 1x = 53

9) 130 - 15x = 10

10) 34 - 3x = 25

11) 63 - 5x = 28

12) 83 + -3x = 71

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 12 + 1x = 22
x = 10

2) 1 + 1x = 10
x = 9

3) 3 + 4x = 11
x = 2

4) -2 + 4x = 30
x = 8

5) 133 - 10x = 53
x = 8

6) 28 + -3x = 10
x = 6

7) 82 + -6x = 46
x = 6

8) 51 + 1x = 53
x = 2

9) 130 - 15x = 10
x = 8

10) 34 - 3x = 25
x = 3

11) 63 - 5x = 28
x = 7

12) 83 + -3x = 71
x = 4

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

8	9	6	8	8
6	2	2	3	10

1) 12 + 1x = 22

2) 1 + 1x = 10

3) 3 + 4x = 11

4) -2 + 4x = 30

5) 133 - 10x = 53

6) 28 + -3x = 10

7) 82 + -6x = 46

8) 51 + 1x = 53

9) 130 - 15x = 10

10) 34 - 3x = 25

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 22 - 3x = 16

2) 25 + 4x = 57

3) 2x + 5 = 21

4) 123 - 11x = 79

5) 48 + -5x = 18

6) 149 + -12x = 77

7) 70 - 3x = 52

8) 2 + 1x = 12

9) -4x + 45 = 25

10) 53 + -4x = 37

11) 32 + 1x = 37

12) 81 - 3x = 54

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 22 - 3x = 16

x = 2

2) 25 + 4x = 57

x = 8

3) 2x + 5 = 21

x = 8

4) 123 - 11x = 79

x = 4

5) 48 + -5x = 18

x = 6

6) 149 + -12x = 77

x = 6

7) 70 - 3x = 52

x = 6

8) 2 + 1x = 12

x = 10

9) -4x + 45 = 25

x = 5

10) 53 + -4x = 37

x = 4

11) 32 + 1x = 37

x = 5

12) 81 - 3x = 54

x = 9

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

4	10	8	6	6
2	4	5	6	8

1) 22 - 3x = 16

2) 25 + 4x = 57

3) 2x + 5 = 21

4) 123 - 11x = 79

5) 48 + -5x = 18

6) 149 + -12x = 77

7) 70 - 3x = 52

8) 2 + 1x = 12

9) -4x + 45 = 25

10) 53 + -4x = 37

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 47 + -2x = 33

2) 83 + -3x = 65

3) 2x + 44 = 56

4) 37 - 1x = 27

5) 62 + 2x = 74

6) -3x + 95 = 71

7) 20 + 1x = 24

8) 2x + 59 = 71

9) 110 - 10x = 20

10) 3x - 7 = 11

11) 28 + 1x = 31

12) 90 + -1x = 87

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 47 + -2x = 33

x = 7

2) 83 + -3x = 65

x = 6

3) 2x + 44 = 56

x = 6

4) 37 - 1x = 27

x = 10

5) 62 + 2x = 74

x = 6

6) -3x + 95 = 71

x = 8

7) 20 + 1x = 24

x = 4

8) 2x + 59 = 71

x = 6

9) 110 - 10x = 20

x = 9

10) 3x - 7 = 11

x = 6

11) 28 + 1x = 31

x = 3

12) 90 + -1x = 87

x = 3

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

10	6	6	4	6
6	9	8	7	6

1) 47 + -2x = 33

2) 83 + -3x = 65

3) 2x + 44 = 56

4) 37 - 1x = 27

5) 62 + 2x = 74

6) -3x + 95 = 71

7) 20 + 1x = 24

8) 2x + 59 = 71

9) 110 - 10x = 20

10) 3x - 7 = 11

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 58 - 3x = 46

2) 1x + 6 = 12

3) 108 + -5x = 73

4) 178 + -9x = 88

5) 119 + -11x = 42

6) -4x + 55 = 43

7) 4x + 61 = 85

8) 84 + -6x = 24

9) 159 - 12x = 51

10) 3x + 78 = 90

11) 73 + 5x = 88

12) 142 - 8x = 78

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 58 - 3x = 46

x = 4

2) 1x + 6 = 12

x = 6

3) 108 + -5x = 73

x = 7

4) 178 + -9x = 88

x = 10

5) 119 + -11x = 42

x = 7

6) -4x + 55 = 43

x = 3

7) 4x + 61 = 85

x = 6

8) 84 + -6x = 24

x = 10

9) 159 - 12x = 51

x = 9

10) 3x + 78 = 90

x = 4

11) 73 + 5x = 88

x = 3

12) 142 - 8x = 78

x = 8

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

9	6	10	6	4
3	7	10	4	7

1) 58 - 3x = 46

2) 1x + 6 = 12

3) 108 + -5x = 73

4) 178 + -9x = 88

5) 119 + -11x = 42

6) -4x + 55 = 43

7) 4x + 61 = 85

8) 84 + -6x = 24

9) 159 - 12x = 51

10) 3x + 78 = 90

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 94 + -8x = 62

2) 13 + 4x = 25

3) -4x + 50 = 30

4) 73 + -4x = 49

5) 5x + 26 = 66

6) 112 + -9x = 85

7) 77 + -1x = 68

8) 81 - 7x = 53

9) 2x + 4 = 16

10) -1x + 29 = 21

11) 53 - 7x = 18

12) 189 - 13x = 72

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 94 + -8x = 62

x = 4

2) 13 + 4x = 25

x = 3

3) -4x + 50 = 30

x = 5

4) 73 + -4x = 49

x = 6

5) 5x + 26 = 66

x = 8

6) 112 + -9x = 85

x = 3

7) 77 + -1x = 68

x = 9

8) 81 - 7x = 53

x = 4

9) 2x + 4 = 16

x = 6

10) -1x + 29 = 21

x = 8

11) 53 - 7x = 18

x = 5

12) 189 - 13x = 72

x = 9

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

8	6	6	8	4
9	4	3	3	5

1) 94 + -8x = 62

2) 13 + 4x = 25

3) -4x + 50 = 30

4) 73 + -4x = 49

5) 5x + 26 = 66

6) 112 + -9x = 85

7) 77 + -1x = 68

8) 81 - 7x = 53

9) 2x + 4 = 16

10) -1x + 29 = 21

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 4x + -8 = 12

2) 148 + -7x = 85

3) 78 + 2x = 88

4) 124 - 5x = 89

5) 4x + 47 = 59

6) 85 - 5x = 40

7) 145 - 12x = 61

8) 133 - 13x = 16

9) 66 - 3x = 42

10) 172 + -15x = 37

11) 96 - 1x = 88

12) 75 + 2x = 85

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 4x + -8 = 12
x = 5

2) 148 + -7x = 85
x = 9

3) 78 + 2x = 88
x = 5

4) 124 - 5x = 89
x = 7

5) 4x + 47 = 59
x = 3

6) 85 - 5x = 40
x = 9

7) 145 - 12x = 61
x = 7

8) 133 - 13x = 16
x = 9

9) 66 - 3x = 42
x = 8

10) 172 + -15x = 37
x = 9

11) 96 - 1x = 88
x = 8

12) 75 + 2x = 85
x = 5

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

9	5	9	5	3
7	9	9	7	8

1) $4x + -8 = 12$

2) $148 + -7x = 85$

3) $78 + 2x = 88$

4) $124 - 5x = 89$

5) $4x + 47 = 59$

6) $85 - 5x = 40$

7) $145 - 12x = 61$

8) $133 - 13x = 16$

9) $66 - 3x = 42$

10) $172 + -15x = 37$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 11 + 0x = 11

2) 2x + 3 = 21

3) 81 - 9x = 27

4) 135 + -8x = 79

5) 54 + 1x = 57

6) 85 - 2x = 75

7) -3x + 66 = 45

8) 5x + 40 = 55

9) 105 - 5x = 75

10) 135 - 7x = 72

11) 2x + 18 = 24

12) 64 - 5x = 44

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 11 + 0x = 11
x = 3

2) 2x + 3 = 21
x = 9

3) 81 - 9x = 27
x = 6

4) 135 + -8x = 79
x = 7

5) 54 + 1x = 57
x = 3

6) 85 - 2x = 75
x = 5

7) -3x + 66 = 45
x = 7

8) 5x + 40 = 55
x = 3

9) 105 - 5x = 75
x = 6

10) 135 - 7x = 72
x = 9

11) 2x + 18 = 24
x = 3

12) 64 - 5x = 44
x = 4

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

6	9	3	5	7
6	3	7	9	3

1) 11 + 0x = 11

2) 2x + 3 = 21

3) 81 - 9x = 27

4) 135 + -8x = 79

5) 54 + 1x = 57

6) 85 - 2x = 75

7) -3x + 66 = 45

8) 5x + 40 = 55

9) 105 - 5x = 75

10) 135 - 7x = 72

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 87 + 0x = 87

2) 19 + 1x = 25

3) 3x + 41 = 65

4) 81 + 0x = 81

5) 55 - 6x = 31

6) 70 - 2x = 52

7) -3x + 43 = 16

8) -2x + 39 = 19

9) 117 + -11x = 84

10) 105 + -4x = 73

11) 73 + -7x = 52

12) 3x + 25 = 46

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 87 + 0x = 87
x = 3

2) 19 + 1x = 25
x = 6

3) 3x + 41 = 65
x = 8

4) 81 + 0x = 81
x = 5

5) 55 - 6x = 31
x = 4

6) 70 - 2x = 52
x = 9

7) -3x + 43 = 16
x = 9

8) -2x + 39 = 19
x = 10

9) 117 + -11x = 84
x = 3

10) 105 + -4x = 73
x = 8

11) 73 + -7x = 52
x = 3

12) 3x + 25 = 46
x = 7

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

4	6	9	9	5
3	3	8	10	8

1) 87 + 0x = 87

2) 19 + 1x = 25

3) 3x + 41 = 65

4) 81 + 0x = 81

5) 55 - 6x = 31

6) 70 - 2x = 52

7) -3x + 43 = 16

8) -2x + 39 = 19

9) 117 + -11x = 84

10) 105 + -4x = 73

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) 32 - 3x = 20

2) -5x + 73 = 53

3) 59 - 2x = 55

4) 95 + -3x = 74

5) -2x + 51 = 47

6) 50 + -4x = 26

7) 11 + 3x = 26

8) 36 + 2x = 40

9) 83 - 5x = 63

10) -3x + 64 = 40

11) 38 + -1x = 35

12) 16 + 0x = 16

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) 32 - 3x = 20
x = 4

2) -5x + 73 = 53
x = 4

3) 59 - 2x = 55
x = 2

4) 95 + -3x = 74
x = 7

5) -2x + 51 = 47
x = 2

6) 50 + -4x = 26
x = 6

7) 11 + 3x = 26
x = 5

8) 36 + 2x = 40
x = 2

9) 83 - 5x = 63
x = 4

10) -3x + 64 = 40
x = 8

11) 38 + -1x = 35
x = 3

12) 16 + 0x = 16
x = 7

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

4	8	6	2	4
7	2	5	4	2

1) 32 - 3x = 20

2) -5x + 73 = 53

3) 59 - 2x = 55

4) 95 + -3x = 74

5) -2x + 51 = 47

6) 50 + -4x = 26

7) 11 + 3x = 26

8) 36 + 2x = 40

9) 83 - 5x = 63

10) -3x + 64 = 40

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

1) -3x + 81 = 69

2) 59 - 4x = 51

3) 108 - 10x = 38

4) 78 - 3x = 60

5) 59 - 1x = 54

6) 2x + 42 = 48

7) 75 - 3x = 51

8) 126 - 4x = 90

9) 121 + -8x = 41

10) 1x + 49 = 58

11) -3x + 82 = 70

12) 94 + -3x = 85

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name: **Answer Key**

Find the value of x.

1) -3x + 81 = 69

x = 4

2) 59 - 4x = 51

x = 2

3) 108 - 10x = 38

x = 7

4) 78 - 3x = 60

x = 6

5) 59 - 1x = 54

x = 5

6) 2x + 42 = 48

x = 3

7) 75 - 3x = 51

x = 8

8) 126 - 4x = 90

x = 9

9) 121 + -8x = 41

x = 10

10) 1x + 49 = 58

x = 9

11) -3x + 82 = 70

x = 4

12) 94 + -3x = 85

x = 3

Answers

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

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

Determining Variable Value (+, -, ×, ÷) Name:

Find the value of x.

2	4	5	6	9
9	7	10	8	3

1) -3x + 81 = 69

2) 59 - 4x = 51

3) 108 - 10x = 38

4) 78 - 3x = 60

5) 59 - 1x = 54

6) 2x + 42 = 48

7) 75 - 3x = 51

8) 126 - 4x = 90

9) 121 + -8x = 41

10) 1x + 49 = 58

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0