

Name _____

Write the English phrase as an algebraic expression. Let the variable x represent the number.

- 1) five more than a number
- 2) four more than a number
- 3) two more than a number
- 4) seven less than a number
- 5) one less than a number
- 6) three less than a number
- 7) The sum of a number and 142
- 8) The sum of a number and 90
- 9) The sum of a number and 85
- 10) nine subtracted from a number
- 11) seven subtracted from a number
- 12) six subtracted from a number
- 13) nine decreased by a number
- 14) four decreased by a number
- 15) seven decreased by a number
- 16) Three times a number, decreased by eleven
- 17) Six times a number, decreased by fourteen

18) Four times a number, decreased by eleven

27) seven more than the quotient of a number and 45

19) Six times a number, decreased by ten

28) four more than the quotient of a number and 40

20) six less than the product of 13 and a number

29) three more than the quotient of a number and 50

21) eight less than the product of 19 and a number

30) Four times a number, decreased by fifteen

22) three less than the product of 13 and a number

31) eight more than the quotient of a number and 30

23) the sum of 40 divided by a number and that number divided by 40

32) six less than a number

24) the sum of 45 divided by a number and that number divided by 45

33) four less than the product of 15 and a number

25) the sum of 5 divided by a number and that number divided by 5

34) Four times a number, decreased by ten

26) five more than the quotient of a number and 50

35) Five times a number, decreased by ten

Answer Key

Testname: 01.1V01A

1) $x + 5$

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2) $x + 4$

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3) $x + 2$

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4) $x - 7$

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5) $x - 1$

ID: INACS5Z 1.1.2-2

6) $x - 3$

ID: INACS5Z 1.1.2-2

7) $x + 142$

ID: INACS5Z 1.1.2-3

8) $x + 90$

ID: INACS5Z 1.1.2-3

9) $x + 85$

ID: INACS5Z 1.1.2-3

10) $x - 9$

ID: INACS5Z 1.1.2-4

11) $x - 7$

ID: INACS5Z 1.1.2-4

12) $x - 6$

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13) $9 - x$

ID: INACS5Z 1.1.2-5

14) $4 - x$

ID: INACS5Z 1.1.2-5

15) $7 - x$

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16) $3x - 11$

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17) $6x - 14$

ID: INACS5Z 1.1.2-6

18) $4x - 11$

ID: INACS5Z 1.1.2-6

19) $6x - 10$

ID: INACS5Z 1.1.2-6

20) $13x - 6$

ID: INACS5Z 1.1.2-7

21) $19x - 8$

ID: INACS5Z 1.1.2-7

22) $13x - 3$

ID: INACS5Z 1.1.2-7

23) $\frac{40}{x} + \frac{x}{40}$

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Answer Key

Testname: 01.1V01A

24) $\frac{45}{x} + \frac{x}{45}$

ID: INACS5Z 1.1.2-8

25) $\frac{5}{x} + \frac{x}{5}$

ID: INACS5Z 1.1.2-8

26) $\frac{x}{50} + 5$

ID: INACS5Z 1.1.2-9

27) $\frac{x}{45} + 7$

ID: INACS5Z 1.1.2-9

28) $\frac{x}{40} + 4$

ID: INACS5Z 1.1.2-9

29) $\frac{x}{50} + 3$

ID: INACS5Z 1.1.2-9

30) $4x - 15$

ID: INACS5Z 1.1.2-6

31) $\frac{x}{30} + 8$

ID: INACS5Z 1.1.2-9

32) $x - 6$

ID: INACS5Z 1.1.2-2

33) $15x - 4$

ID: INACS5Z 1.1.2-7

34) $4x - 10$

ID: INACS5Z 1.1.2-6

35) $5x - 10$

ID: INACS5Z 1.1.2-6