

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 1

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$6 + 4x - 9$$

$$-9 + 3x + 9$$

$$-3x + 3 - 9x$$

$$-2x - 6 - 5x$$

(5)

(6)

(7)

(8)

$$7x - 3 + 6x - 3$$

$$-5x - 4 - 2x + 9$$

$$-6(2x + 4)$$

$$-8(-4x + 6)$$

(9)

(10)

(11)

(12)

$$4(6x - 3) - 6$$

$$-5(6x + 4) + 4x$$

$$-2(3x + 9) - 2x - 3$$

$$-9(-3x + 8) + 9x - 1$$

(13)

(14)

(15)

(16)

$$-6(6x + 4) - 2(6x - 5)$$

$$2(-3x - 4) - 5(8x - 5)$$

$$\frac{-15x - 45}{5}$$

$$\frac{-4x^2 + 7x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 2

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-8 - 9x + 5$$

$$-8 - 2x + 5$$

$$5x + 9 - 5x$$

$$9x - 9 + 8x$$

(5)

(6)

(7)

(8)

$$7x + 4 - 9x + 1$$

$$-2x + 8 - 8x + 2$$

$$3(-4x - 5)$$

$$-7(8x - 5)$$

(9)

(10)

(11)

(12)

$$-2(2x - 5) - 6$$

$$-3(6x + 5) - 6x$$

$$4(-6x - 3) - 6x + 8$$

$$5(-4x - 7) - 6x + 6$$

(13)

(14)

(15)

(16)

$$-5(-6x - 7) - 6(9x + 7)$$

$$6(-7x + 8) - 3(-2x + 7)$$

$$\frac{-27x - 54}{9}$$

$$\frac{-5x^2 - 4x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 3

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$9 + 2x + 5$$

$$-8 - 6x + 9$$

$$7x + 2 - 9x$$

$$6x - 8 - 9x$$

(5)

(6)

(7)

(8)

$$3x - 8 + 2x + 4$$

$$-2x + 3 + 6x + 1$$

$$3(-8x - 7)$$

$$-5(-8x - 4)$$

(9)

(10)

(11)

(12)

$$-2(8x + 3) + 1$$

$$-3(8x - 4) - 8x$$

$$-8(3x - 3) + 7x + 9$$

$$-8(6x - 6) + 3x - 1$$

(13)

(14)

(15)

(16)

$$-2(-7x - 8) - 9(6x + 5)$$

$$-7(-6x - 9) - 3(4x + 8)$$

$$\frac{-54x - 27}{-9}$$

$$\frac{-5x^2 + 2x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 4

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-2 + 2x - 6$$

$$-9 + 4x - 8$$

$$8x + 9 + 3x$$

$$-4x - 7 - 9x$$

(5)

(6)

(7)

(8)

$$-4x - 1 - 3x - 6$$

$$-5x - 3 - 4x + 1$$

$$4(5x + 4)$$

$$-3(-5x - 5)$$

(9)

(10)

(11)

(12)

$$-3(5x - 5) + 8$$

$$2(-8x - 3) - 9x$$

$$-6(2x + 8) - 4x + 5$$

$$5(-6x + 8) + 7x - 5$$

(13)

(14)

(15)

(16)

$$-8(7x + 8) + 6(8x + 1)$$

$$4(5x + 2) - 9(4x - 9)$$

$$\frac{-18x - 54}{-6}$$

$$\frac{2x^2 - 7x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 5

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$7 - 6x + 5$$

$$-9 - 2x + 6$$

$$-5x + 7 - 6x$$

$$6x - 2 - 7x$$

(5)

(6)

(7)

(8)

$$-9x + 2 + 7x - 5$$

$$9x + 4 - 7x - 9$$

$$6(-3x - 1)$$

$$-2(3x + 8)$$

(9)

(10)

(11)

(12)

$$6(6x - 7) - 8$$

$$-8(6x - 5) + 7x$$

$$-9(-6x + 3) - 3x - 6$$

$$-2(3x - 4) - 4x - 1$$

(13)

(14)

(15)

(16)

$$-2(-9x + 4) + 8(3x - 4)$$

$$-8(-3x - 9) - 7(9x + 3)$$

$$\frac{14x + 42}{7}$$

$$\frac{-4x^2 - 3x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 6

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-8 + 7x + 8$$

$$7 + 7x + 7$$

$$6x + 1 - 9x$$

$$5x + 9 + 8x$$

(5)

(6)

(7)

(8)

$$5x - 6 + 9x + 4$$

$$4x - 8 - 9x - 3$$

$$-9(-8x + 6)$$

$$-2(-3x - 6)$$

(9)

(10)

(11)

(12)

$$-5(-3x + 8) + 5$$

$$2(3x + 5) - 4x$$

$$4(-5x + 1) - 8x + 2$$

$$-5(-2x - 6) - 7x + 8$$

(13)

(14)

(15)

(16)

$$6(2x - 2) + 9(4x + 3)$$

$$-5(7x - 2) + 2(4x + 7)$$

$$\frac{6x + 21}{3}$$

$$\frac{4x^2 + 8x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 7

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$2 + 5x + 5$$

$$-7 - 9x + 8$$

$$4x + 7 + 2x$$

$$-7x - 4 - 8x$$

(5)

(6)

(7)

(8)

$$2x + 4 + 3x + 5$$

$$5x - 9 - 9x + 3$$

$$9(-7x - 8)$$

$$-5(-9x - 1)$$

(9)

(10)

(11)

(12)

$$8(-6x + 5) - 9$$

$$-7(8x + 3) + 2x$$

$$7(9x + 8) - 9x - 5$$

$$-4(-6x + 1) - 9x + 2$$

(13)

(14)

(15)

(16)

$$-3(8x - 1) - 3(-4x - 9)$$

$$4(3x + 5) - 7(-2x - 9)$$

$$\frac{24x - 56}{-8}$$

$$\frac{8x^2 - 2x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 8

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-5 - 3x - 8$$

$$8 - 3x + 7$$

$$5x + 5 + 2x$$

$$-9x + 1 + 4x$$

(5)

(6)

(7)

(8)

$$-6x - 5 + 9x + 9$$

$$2x + 9 - 8x - 6$$

$$-4(-4x - 8)$$

$$-5(7x + 9)$$

(9)

(10)

(11)

(12)

$$-6(-8x + 7) - 1$$

$$9(-9x + 3) + 7x$$

$$7(-5x - 3) - 4x - 6$$

$$-5(8x - 5) + 2x - 5$$

(13)

(14)

(15)

(16)

$$6(-3x + 2) + 4(4x + 5)$$

$$-6(5x - 5) + 2(9x - 2)$$

$$\frac{9x - 3}{3}$$

$$\frac{4x^2 - 2x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 9

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$5 - 8x + 6$$

$$4 - 8x + 5$$

$$-8x + 6 + 2x$$

$$-8x - 1 + 4x$$

(5)

(6)

(7)

(8)

$$8x + 7 + 8x + 1$$

$$-5x + 8 - 9x + 6$$

$$5(-2x + 3)$$

$$9(7x + 6)$$

(9)

(10)

(11)

(12)

$$-3(9x - 5) + 6$$

$$-6(-2x - 5) + 4x$$

$$8(8x - 9) + 7x + 3$$

$$-4(-9x - 9) + 9x - 8$$

(13)

(14)

(15)

(16)

$$-8(-4x + 5) + 2(2x + 5)$$

$$-5(-3x - 5) - 6(4x - 5)$$

$$\frac{-8x + 24}{4}$$

$$\frac{2x^2 - 7x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 10

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-5 - 4x + 9$$

$$7 - 7x + 1$$

$$-6x + 9 + 6x$$

$$2x + 9 - 5x$$

(5)

(6)

(7)

(8)

$$6x + 2 - 4x + 7$$

$$4x - 6 + 5x + 5$$

$$-2(7x + 4)$$

$$-5(9x - 2)$$

(9)

(10)

(11)

(12)

$$7(2x - 1) - 2$$

$$4(7x - 2) - 2x$$

$$-3(-4x + 2) - 7x - 1$$

$$-7(-9x + 5) - 7x - 3$$

(13)

(14)

(15)

(16)

$$-9(2x + 9) + 4(7x + 2)$$

$$-9(-4x - 8) - 6(-7x + 1)$$

$$\frac{-40x - 40}{-5}$$

$$\frac{9x^2 + 8x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 11

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$6 + 8x + 4$$

$$1 - 8x + 2$$

$$-4x + 8 - 8x$$

$$-8x - 2 - 8x$$

(5)

(6)

(7)

(8)

$$3x + 2 - 5x - 5$$

$$7x - 7 + 9x + 5$$

$$4(-8x - 7)$$

$$-9(8x + 7)$$

(9)

(10)

(11)

(12)

$$5(4x - 7) + 1$$

$$-2(-2x + 2) + 7x$$

$$3(7x + 3) - 7x - 1$$

$$3(4x - 3) + 5x - 4$$

(13)

(14)

(15)

(16)

$$-9(-6x + 7) + 7(8x - 6)$$

$$3(9x - 8) - 5(7x + 6)$$

$$\frac{16x - 10}{-2}$$

$$\frac{2x^2 - 5x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 12

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$8 - 2x + 6$$

$$-8 + 8x - 3$$

$$-6x - 5 - 3x$$

$$-3x - 4 - 4x$$

(5)

(6)

(7)

(8)

$$-9x + 2 - 2x - 4$$

$$4x + 5 - 3x - 5$$

$$-6(-7x - 1)$$

$$-8(-6x + 2)$$

(9)

(10)

(11)

(12)

$$-2(-4x - 3) - 5$$

$$-2(8x + 6) + 2x$$

$$-6(6x + 8) + 6x - 3$$

$$-8(3x + 3) + 8x + 4$$

(13)

(14)

(15)

(16)

$$3(-5x - 4) - 2(3x - 7)$$

$$-8(-8x + 4) - 9(5x + 5)$$

$$\frac{24x + 28}{-4}$$

$$\frac{-9x^2 + 6x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 13

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-2 + 8x - 3$$

$$-7 - 7x + 3$$

$$-5x + 7 + 2x$$

$$2x + 3 - 6x$$

(5)

(6)

(7)

(8)

$$-7x - 5 + 7x - 4$$

$$-3x + 8 - 3x - 4$$

$$7(-4x - 9)$$

$$-2(7x + 1)$$

(9)

(10)

(11)

(12)

$$4(-7x + 3) - 4$$

$$-8(9x + 2) - 3x$$

$$7(-9x + 9) - 4x - 4$$

$$6(-3x - 7) + 2x - 2$$

(13)

(14)

(15)

(16)

$$-8(-8x + 6) + 2(6x - 6)$$

$$-2(-6x + 6) + 4(-7x - 7)$$

$$\frac{-27x + 81}{9}$$

$$\frac{-7x^2 + 9x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 14

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-2 + 9x + 9$$

$$-1 - 2x + 5$$

$$7x - 2 + 4x$$

$$-8x + 3 + 8x$$

(5)

(6)

(7)

(8)

$$-2x - 1 + 7x - 1$$

$$-3x + 7 + 8x + 1$$

$$4(-7x - 8)$$

$$-2(3x + 1)$$

(9)

(10)

(11)

(12)

$$-7(8x + 9) - 5$$

$$7(3x - 4) - 7x$$

$$-5(7x + 6) - 3x + 9$$

$$-3(7x - 6) + 2x + 4$$

(13)

(14)

(15)

(16)

$$-6(-8x - 6) - 3(-7x + 8)$$

$$2(-6x + 9) - 9(-8x + 7)$$

$$\frac{-16x + 12}{4}$$

$$\frac{-5x^2 - 6x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 15

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-6 + 5x - 8$$

$$-9 - 6x + 5$$

$$-2x + 5 - 9x$$

$$8x + 5 - 4x$$

(5)

(6)

(7)

(8)

$$6x - 2 + 5x + 1$$

$$7x + 9 + 7x + 9$$

$$9(7x + 4)$$

$$2(2x + 5)$$

(9)

(10)

(11)

(12)

$$-6(-5x + 1) + 8$$

$$-2(-8x - 4) - 5x$$

$$3(-6x + 3) + 3x - 6$$

$$5(2x + 4) - 8x - 6$$

(13)

(14)

(15)

(16)

$$3(6x + 3) + 3(4x + 7)$$

$$-3(-7x + 8) - 2(3x + 3)$$

$$\frac{14x - 63}{-7}$$

$$\frac{-9x^2 + 4x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 16

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-3 - 8x + 8$$

$$-6 - 9x + 9$$

$$-8x - 7 - 5x$$

$$-6x + 2 - 3x$$

(5)

(6)

(7)

(8)

$$-5x + 8 - 2x + 9$$

$$7x - 3 - 5x - 2$$

$$-3(5x + 9)$$

$$-2(7x - 9)$$

(9)

(10)

(11)

(12)

$$-2(-2x - 1) + 9$$

$$-4(3x + 9) + 2x$$

$$-8(6x + 3) - 6x + 3$$

$$-5(9x - 2) - 8x - 2$$

(13)

(14)

(15)

(16)

$$4(-9x + 4) + 2(2x + 9)$$

$$4(-4x + 5) - 7(-9x + 3)$$

$$\frac{-4x - 6}{-2}$$

$$\frac{7x^2 + 3x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 17

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-6 + 6x + 1$$

$$8 - 4x + 1$$

$$6x - 8 + 9x$$

$$-8x - 7 - 7x$$

(5)

(6)

(7)

(8)

$$9x - 8 - 3x + 3$$

$$-8x - 4 + 4x + 5$$

$$6(-7x - 2)$$

$$-5(-5x + 8)$$

(9)

(10)

(11)

(12)

$$-4(7x + 1) + 7$$

$$9(-7x + 3) + 7x$$

$$-9(-2x - 4) + 5x + 4$$

$$-2(4x - 3) - 4x + 1$$

(13)

(14)

(15)

(16)

$$2(3x + 2) - 4(-7x + 1)$$

$$-5(7x - 9) - 4(-8x - 1)$$

$$\frac{6x - 12}{3}$$

$$\frac{-2x^2 - 6x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 18

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$2 - 7x + 4$$

$$-8 + 9x + 8$$

$$-6x - 9 - 6x$$

$$5x - 8 + 5x$$

(5)

(6)

(7)

(8)

$$9x - 1 - 9x - 6$$

$$8x + 5 + 5x - 3$$

$$7(7x + 6)$$

$$9(4x - 3)$$

(9)

(10)

(11)

(12)

$$9(3x + 8) - 5$$

$$7(-6x - 5) - 9x$$

$$-2(7x + 2) - 5x + 2$$

$$8(-9x + 1) - 6x + 9$$

(13)

(14)

(15)

(16)

$$9(6x + 3) + 4(-5x - 2)$$

$$-4(-2x + 6) + 7(3x + 5)$$

$$\frac{36x + 28}{4}$$

$$\frac{5x^2 - 2x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 19

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$7 + 2x - 8$$

$$7 - 9x + 7$$

$$-5x - 8 + 5x$$

$$-6x + 4 + 6x$$

(5)

(6)

(7)

(8)

$$5x + 9 - 7x + 3$$

$$-2x + 9 - 6x - 9$$

$$-7(7x + 7)$$

$$-8(7x + 9)$$

(9)

(10)

(11)

(12)

$$3(6x - 9) + 4$$

$$2(9x - 3) + 8x$$

$$-2(-6x + 7) - 9x + 9$$

$$8(-4x + 3) - 5x + 3$$

(13)

(14)

(15)

(16)

$$3(5x - 3) + 4(-2x - 7)$$

$$6(-9x + 8) + 3(-9x - 1)$$

$$\frac{5x + 20}{-5}$$

$$\frac{3x^2 + 7x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 20

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$8 + 2x - 7$$

$$8 + 2x - 3$$

$$-9x - 4 - 3x$$

$$9x + 6 + 5x$$

(5)

(6)

(7)

(8)

$$6x - 7 - 9x + 1$$

$$9x + 2 - 4x + 5$$

$$7(6x + 2)$$

$$7(-6x + 7)$$

(9)

(10)

(11)

(12)

$$6(4x + 8) - 3$$

$$3(-4x + 1) - 6x$$

$$9(7x + 2) + 4x + 9$$

$$9(7x + 2) + 2x - 5$$

(13)

(14)

(15)

(16)

$$-3(-8x + 6) + 4(9x + 3)$$

$$-6(2x + 3) + 6(9x + 2)$$

$$\frac{28x + 14}{-7}$$

$$\frac{2x^2 + 6x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 21

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$4 - 6x - 8$$

$$-1 - 8x - 8$$

$$-3x - 8 + 7x$$

$$4x - 1 + 8x$$

(5)

(6)

(7)

(8)

$$7x - 7 + 2x + 4$$

$$7x - 8 + 8x + 2$$

$$-7(8x - 3)$$

$$6(-5x - 1)$$

(9)

(10)

(11)

(12)

$$-7(8x - 8) - 2$$

$$-4(3x + 9) - 9x$$

$$7(3x + 4) + 7x + 4$$

$$9(6x + 8) + 6x + 3$$

(13)

(14)

(15)

(16)

$$-5(3x - 5) + 6(-3x - 7)$$

$$7(-9x - 1) + 5(8x + 2)$$

$$\frac{30x + 36}{6}$$

$$\frac{9x^2 + 4x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 22

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-8 + 3x - 2$$

$$2 - 2x - 9$$

$$-6x + 3 + 6x$$

$$-6x + 6 + 9x$$

(5)

(6)

(7)

(8)

$$-3x - 3 + 3x - 6$$

$$-2x - 7 - 2x - 4$$

$$-2(-8x + 7)$$

$$4(-5x - 4)$$

(9)

(10)

(11)

(12)

$$5(6x + 8) - 5$$

$$6(5x + 8) + 7x$$

$$5(-6x + 1) - 2x - 2$$

$$5(4x + 6) - 8x - 6$$

(13)

(14)

(15)

(16)

$$-7(-7x - 2) - 2(9x + 5)$$

$$3(-7x + 9) - 8(7x - 8)$$

$$\frac{32x - 8}{-8}$$

$$\frac{5x^2 - 5x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 23

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$1 + 9x + 9$$

$$2 - 2x + 3$$

$$4x - 2 - 9x$$

$$-4x - 1 + 9x$$

(5)

(6)

(7)

(8)

$$-3x + 9 - 9x + 8$$

$$-4x - 4 - 5x + 9$$

$$4(3x - 3)$$

$$4(-3x - 9)$$

(9)

(10)

(11)

(12)

$$8(3x - 6) + 3$$

$$-6(-2x - 4) - 9x$$

$$-2(-8x - 5) - 4x + 6$$

$$6(-7x - 8) + 2x + 8$$

(13)

(14)

(15)

(16)

$$-4(-7x - 3) - 7(-7x - 4)$$

$$8(6x + 9) + 9(-4x - 6)$$

$$\frac{18x - 12}{-2}$$

$$\frac{-4x^2 + 4x}{x}$$

name date period

Batch 505955f3

# Simplifying Linear Expressions

Version 24

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$-2 + 4x + 6$$

$$3 - 4x - 1$$

$$-9x + 1 - 4x$$

$$7x - 5 - 5x$$

(5)

(6)

(7)

(8)

$$-6x - 2 - 8x - 3$$

$$7x + 6 - 5x + 5$$

$$8(7x + 9)$$

$$9(-6x - 4)$$

(9)

(10)

(11)

(12)

$$-2(6x - 6) + 1$$

$$7(-7x - 9) + 3x$$

$$-4(2x + 5) - 3x - 8$$

$$-5(-2x - 8) - 7x - 5$$

(13)

(14)

(15)

(16)

$$-8(-9x - 4) - 2(-5x - 7)$$

$$-6(5x + 1) + 2(9x + 7)$$

$$\frac{-64x + 56}{8}$$

$$\frac{7x^2 + 5x}{x}$$

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# Simplifying Linear Expressions

Version 25

Simplify the expressions to the form  $ax + b$  where  $a$  and  $b$  are constants.

(1)

(2)

(3)

(4)

$$1 + 2x + 3$$

$$-3 + 2x + 6$$

$$4x - 7 + 5x$$

$$-2x + 2 - 6x$$

(5)

(6)

(7)

(8)

$$-2x + 8 + 3x + 8$$

$$-5x + 7 + 5x + 1$$

$$9(-3x - 4)$$

$$-3(2x + 3)$$

(9)

(10)

(11)

(12)

$$-8(-3x - 4) - 3$$

$$-6(-3x - 7) + 8x$$

$$4(4x - 3) - 3x - 9$$

$$-7(3x - 3) - 6x - 1$$

(13)

(14)

(15)

(16)

$$8(-7x + 8) - 7(-6x + 8)$$

$$9(-3x - 8) - 2(7x + 2)$$

$$\frac{8x + 32}{-4}$$

$$\frac{-5x^2 - 9x}{x}$$

## Version 1

(1) $4x - 3$	(2) $3x + 0$	(3) $-12x + 3$	(4) $-7x - 6$
(5) $13x - 6$	(6) $-7x + 5$	(7) $-12x - 24$	(8) $32x - 48$
(9) $24x - 18$	(10) $-26x - 20$	(11) $-8x - 21$	(12) $36x - 73$
(13) $-48x - 14$	(14) $-46x + 17$	(15) $-3x - 9$	(16) $-4x + 7$

## Version 2

(1) $-9x - 3$	(2) $-2x - 3$	(3) $0x + 9$	(4) $17x - 9$
(5) $-2x + 5$	(6) $-10x + 10$	(7) $-12x - 15$	(8) $-56x + 35$
(9) $-4x + 4$	(10) $-24x - 15$	(11) $-30x - 4$	(12) $-26x - 29$
(13) $-24x - 7$	(14) $-36x + 27$	(15) $-3x - 6$	(16) $-5x - 4$

## Version 3

(1) $2x + 14$	(2) $-6x + 1$	(3) $-2x + 2$	(4) $-3x - 8$
(5) $5x - 4$	(6) $4x + 4$	(7) $-24x - 21$	(8) $40x + 20$
(9) $-16x - 5$	(10) $-32x + 12$	(11) $-17x + 33$	(12) $-45x + 47$
(13) $-40x - 29$	(14) $30x + 39$	(15) $6x + 3$	(16) $-5x + 2$

## Version 4

(1) $2x - 8$	(2) $4x - 17$	(3) $11x + 9$	(4) $-13x - 7$
(5) $-7x - 7$	(6) $-9x - 2$	(7) $20x + 16$	(8) $15x + 15$
(9) $-15x + 23$	(10) $-25x - 6$	(11) $-16x - 43$	(12) $-23x + 35$
(13) $-8x - 58$	(14) $-16x + 89$	(15) $3x + 9$	(16) $2x - 7$

## Version 5

(1) $-6x + 12$	(2) $-2x - 3$	(3) $-11x + 7$	(4) $-1x - 2$
(5) $-2x - 3$	(6) $2x - 5$	(7) $-18x - 6$	(8) $-6x - 16$
(9) $36x - 50$	(10) $-41x + 40$	(11) $51x - 33$	(12) $-10x + 7$
(13) $42x - 40$	(14) $-39x + 51$	(15) $2x + 6$	(16) $-4x - 3$

## Version 6

(1) $7x + 0$	(2) $7x + 14$	(3) $-3x + 1$	(4) $13x + 9$
(5) $14x - 2$	(6) $-5x - 11$	(7) $72x - 54$	(8) $6x + 12$
(9) $15x - 35$	(10) $2x + 10$	(11) $-28x + 6$	(12) $3x + 38$
(13) $48x + 15$	(14) $-27x + 24$	(15) $2x + 7$	(16) $4x + 8$

## Version 7

(1) $5x + 7$	(2) $-9x + 1$	(3) $6x + 7$	(4) $-15x - 4$
(5) $5x + 9$	(6) $-4x - 6$	(7) $-63x - 72$	(8) $45x + 5$
(9) $-48x + 31$	(10) $-54x - 21$	(11) $54x + 51$	(12) $15x - 2$
(13) $-12x + 30$	(14) $26x + 83$	(15) $-3x + 7$	(16) $8x - 2$

## Version 8

(1) $-3x - 13$	(2) $-3x + 15$	(3) $7x + 5$	(4) $-5x + 1$
(5) $3x + 4$	(6) $-6x + 3$	(7) $16x + 32$	(8) $-35x - 45$
(9) $48x - 43$	(10) $-74x + 27$	(11) $-39x - 27$	(12) $-38x + 20$
(13) $-2x + 32$	(14) $-12x + 26$	(15) $3x - 1$	(16) $4x - 2$

## Version 9

(1) $-8x + 11$	(2) $-8x + 9$	(3) $-6x + 6$	(4) $-4x - 1$
(5) $16x + 8$	(6) $-14x + 14$	(7) $-10x + 15$	(8) $63x + 54$
(9) $-27x + 21$	(10) $16x + 30$	(11) $71x - 69$	(12) $45x + 28$
(13) $36x - 30$	(14) $-9x + 55$	(15) $-2x + 6$	(16) $2x - 7$

## Version 10

(1) $-4x + 4$	(2) $-7x + 8$	(3) $0x + 9$	(4) $-3x + 9$
(5) $2x + 9$	(6) $9x - 1$	(7) $-14x - 8$	(8) $-45x + 10$
(9) $14x - 9$	(10) $26x - 8$	(11) $5x - 7$	(12) $56x - 38$
(13) $10x - 73$	(14) $78x + 66$	(15) $8x + 8$	(16) $9x + 8$

## Version 11

(1) $8x + 10$	(2) $-8x + 3$	(3) $-12x + 8$	(4) $-16x - 2$
(5) $-2x - 3$	(6) $16x - 2$	(7) $-32x - 28$	(8) $-72x - 63$
(9) $20x - 34$	(10) $11x - 4$	(11) $14x + 8$	(12) $17x - 13$
(13) $110x - 105$	(14) $-8x - 54$	(15) $-8x + 5$	(16) $2x - 5$

## Version 12

(1) $-2x + 14$	(2) $8x - 11$	(3) $-9x - 5$	(4) $-7x - 4$
(5) $-11x - 2$	(6) $1x + 0$	(7) $42x + 6$	(8) $48x - 16$
(9) $8x + 1$	(10) $-14x - 12$	(11) $-30x - 51$	(12) $-16x - 20$
(13) $-21x + 2$	(14) $19x - 77$	(15) $-6x - 7$	(16) $-9x + 6$

## Version 13

(1) $8x - 5$	(2) $-7x - 4$	(3) $-3x + 7$	(4) $-4x + 3$
(5) $0x - 9$	(6) $-6x + 4$	(7) $-28x - 63$	(8) $-14x - 2$
(9) $-28x + 8$	(10) $-75x - 16$	(11) $-67x + 59$	(12) $-16x - 44$
(13) $76x - 60$	(14) $-16x - 40$	(15) $-3x + 9$	(16) $-7x + 9$

## Version 14

(1) $9x + 7$	(2) $-2x + 4$	(3) $11x - 2$	(4) $0x + 3$
(5) $5x - 2$	(6) $5x + 8$	(7) $-28x - 32$	(8) $-6x - 2$
(9) $-56x - 68$	(10) $14x - 28$	(11) $-38x - 21$	(12) $-19x + 22$
(13) $69x + 12$	(14) $60x - 45$	(15) $-4x + 3$	(16) $-5x - 6$

## Version 15

(1) $5x - 14$	(2) $-6x - 4$	(3) $-11x + 5$	(4) $4x + 5$
(5) $11x - 1$	(6) $14x + 18$	(7) $63x + 36$	(8) $4x + 10$
(9) $30x + 2$	(10) $11x + 8$	(11) $-15x + 3$	(12) $2x + 14$
(13) $30x + 30$	(14) $15x - 30$	(15) $-2x + 9$	(16) $-9x + 4$

## Version 16

(1) $-8x + 5$	(2) $-9x + 3$	(3) $-13x - 7$	(4) $-9x + 2$
(5) $-7x + 17$	(6) $2x - 5$	(7) $-15x - 27$	(8) $-14x + 18$
(9) $4x + 11$	(10) $-10x - 36$	(11) $-54x - 21$	(12) $-53x + 8$
(13) $-32x + 34$	(14) $47x - 1$	(15) $2x + 3$	(16) $7x + 3$

## Version 17

(1) $6x - 5$	(2) $-4x + 9$	(3) $15x - 8$	(4) $-15x - 7$
(5) $6x - 5$	(6) $-4x + 1$	(7) $-42x - 12$	(8) $25x - 40$
(9) $-28x + 3$	(10) $-56x + 27$	(11) $23x + 40$	(12) $-12x + 7$
(13) $34x + 0$	(14) $-3x + 49$	(15) $2x - 4$	(16) $-2x - 6$

## Version 18

(1) $-7x + 6$	(2) $9x + 0$	(3) $-12x - 9$	(4) $10x - 8$
(5) $0x - 7$	(6) $13x + 2$	(7) $49x + 42$	(8) $36x - 27$
(9) $27x + 67$	(10) $-51x - 35$	(11) $-19x - 2$	(12) $-78x + 17$
(13) $34x + 19$	(14) $29x + 11$	(15) $9x + 7$	(16) $5x - 2$

## Version 19

(1) $2x - 1$	(2) $-9x + 14$	(3) $0x - 8$	(4) $0x + 4$
(5) $-2x + 12$	(6) $-8x + 0$	(7) $-49x - 49$	(8) $-56x - 72$
(9) $18x - 23$	(10) $26x - 6$	(11) $3x - 5$	(12) $-37x + 27$
(13) $7x - 37$	(14) $-81x + 45$	(15) $-1x - 4$	(16) $3x + 7$

## Version 20

(1) $2x + 1$	(2) $2x + 5$	(3) $-12x - 4$	(4) $14x + 6$
(5) $-3x - 6$	(6) $5x + 7$	(7) $42x + 14$	(8) $-42x + 49$
(9) $24x + 45$	(10) $-18x + 3$	(11) $67x + 27$	(12) $65x + 13$
(13) $60x - 6$	(14) $42x - 6$	(15) $-4x - 2$	(16) $2x + 6$

## Version 21

(1) $-6x - 4$	(2) $-8x - 9$	(3) $4x - 8$	(4) $12x - 1$
(5) $9x - 3$	(6) $15x - 6$	(7) $-56x + 21$	(8) $-30x - 6$
(9) $-56x + 54$	(10) $-21x - 36$	(11) $28x + 32$	(12) $60x + 75$
(13) $-33x - 17$	(14) $-23x + 3$	(15) $5x + 6$	(16) $9x + 4$

## Version 22

(1) $3x - 10$	(2) $-2x - 7$	(3) $0x + 3$	(4) $3x + 6$
(5) $0x - 9$	(6) $-4x - 11$	(7) $16x - 14$	(8) $-20x - 16$
(9) $30x + 35$	(10) $37x + 48$	(11) $-32x + 3$	(12) $12x + 24$
(13) $31x + 4$	(14) $-77x + 91$	(15) $-4x + 1$	(16) $5x - 5$

## Version 23

(1) $9x + 10$	(2) $-2x + 5$	(3) $-5x - 2$	(4) $5x - 1$
(5) $-12x + 17$	(6) $-9x + 5$	(7) $12x - 12$	(8) $-12x - 36$
(9) $24x - 45$	(10) $3x + 24$	(11) $12x + 16$	(12) $-40x - 40$
(13) $77x + 40$	(14) $12x + 18$	(15) $-9x + 6$	(16) $-4x + 4$

## Version 24

(1) $4x + 4$	(2) $-4x + 2$	(3) $-13x + 1$	(4) $2x - 5$
(5) $-14x - 5$	(6) $2x + 11$	(7) $56x + 72$	(8) $-54x - 36$
(9) $-12x + 13$	(10) $-46x - 63$	(11) $-11x - 28$	(12) $3x + 35$
(13) $82x + 46$	(14) $-12x + 8$	(15) $-8x + 7$	(16) $7x + 5$

Version 25

(1) $2x + 4$	(2) $2x + 3$	(3) $9x - 7$	(4) $-8x + 2$
(5) $1x + 16$	(6) $0x + 8$	(7) $-27x - 36$	(8) $-6x - 9$
(9) $24x + 29$	(10) $26x + 42$	(11) $13x - 21$	(12) $-27x + 20$
(13) $-14x + 8$	(14) $-41x - 76$	(15) $-2x - 8$	(16) $-5x - 9$