

☺ *Solve.*

(1) $2(2x - y) = 10$
 $3(3x + y) = 12$

(2) $4(3x + 2y) = 8$
 $5(-2x + 3y) = 25$

(3) $-3(3x - 4y) = 15$
 $4(5x - y) = 16$

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

(5) $7(3x - 5y) = 63$
 $-3(x + 3y) = 3$

☺ Solve.

$$(6) \quad \begin{aligned} 2(x + 2y) &= 4a \\ 6(2x - y) &= 18a \end{aligned}$$

$$(7) \quad \begin{aligned} 8(2x - 3y) &= 24m \\ -7(4x + y) &= 21n \end{aligned}$$

$$(8) \quad \begin{aligned} 2(3x + 7y) &= 2a \\ 2(x - 4y) &= 4b \end{aligned}$$

$$(9) \quad \begin{aligned} 4(mx + y) &= 8m \\ 5(nx - y) &= 20n \end{aligned}$$

$$(10) \quad \begin{aligned} 2m(3ax - by) &= 10m \\ 4m(-2bx + 3ay) &= -4m \end{aligned}$$

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$$(11) \quad 2(3x - 2y) = -3(x - 4y) + 2$$
$$5(-2x + 3y) = 7(3x - 4y) - 4$$

$$(12) \quad 3(2x + y) = 2(x + 3y) - 17$$
$$2(x + 2y) = -3(3x + y) - 1$$

$$(13) \quad -2(4x + y) = 4(2x + 2y) - 20$$
$$2(4x - 2y) = -4(x + 3y) + 16$$

$$(14) \quad 4(2x + 3y) = 5(2x - 2y) + 26$$
$$-3(2x - 3y) = 3(-2x + 5y) - 6$$

$$(15) \quad 2(3x - 4y) = 4(-6x - 3y) + 34$$
$$-3(4x - 8y) = 2(5x - 2y) + 6$$

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$$(16) \quad 3(3x - y) + 2(4x + 5y) = -20$$

$$3(-2x + y) - 2(x - 2y) = 30$$

$$(17) \quad 2(4x + 2y) + 3(x - 2y) = 29$$

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

$$(18) \quad -3(-x - 2y) - 2(3x - y) = 30$$

$$4(-x + 2y) - (x - 5y) = 49$$

$$(19) \quad -6(2x + 5y) + 5(2x + 5y) = 2$$

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

$$(20) \quad 5(2x - 4y) - 3(4x - 6y) = 4$$

$$2(-3x + 2y) - 3(-3x + y) = 4$$

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$$(21) \quad 3(2x - 3y) - 2(2x + 3y) = 2(5x - y) + 3(x + y) - 38$$

$$2(2x + 3y) - 4(3x - y) = 3(-x + 2y) - 4(-x + y) - 10$$

$$(22) \quad -2(3x + 4y) + 4(2x + 7y) - 56 = 3(-2x + 3y) + 3(2x - 3y)$$

$$7(x + 2y) - 2(4x + y) = 3(2x + 4y) + 2(-4x + y) - 8$$

$$(23) \quad 5(x - 4y) - 2(3x - 2y) = -3(2x + 3y) + 2(3x - y) + 16$$

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

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$$(24) \quad 4(3x - y) + 2(3x + 5y) - 17 = -3(2x + 3y) + 2(2x - 4y)$$

$$-2(3x + 2y) - 3(x + 2y) + 37 = 2(3x - y) - 3(-2x + y)$$

$$(25) \quad 2(x + 3y) - 2(6x + 5y) - 3 = 8(3x + y) - 4(3x - 2y) + 39$$

$$3(2x - 5y) + 3(-x + 4y) + 11 = 2(-3x + 2y) - 3(-3x + y) + 15$$