Find the equations of each of the following lines.

(1) Find the slope intercept form of the line through $(0, 23)$ and $(-1, \frac{117}{5})$.

(2) Find the slope intercept form of the line through $(-5, 3)$ which is perpendicular to the vertical line passing through $(0, -1)$.

(3) Find the slope intercept form of the line through $(-3, 17)$ and with slope 1.

(4) Find the slope intercept form of the line through $(-2, \frac{-33}{5})$ which is perpendicular to the line $y = -\frac{5}{-6}x + 5$.

(5) Find the slope intercept form of the line through $(2, -18)$ which is parallel to the line $y = 10$.

(6) Find the slope intercept form of the line through $(4, 14)$ and with slope 0.

(7) Find the slope intercept form of the line through $(0, 2)$ and $(-1, \frac{1}{2})$.

(8) Find the slope intercept form of the line through $(-5, 0)$ and $(0, 10)$.

(9) Find the slope intercept form of the line through $(-2, -7)$ and with slope 0.

(10) Find the slope intercept form of the line through $(3, -26)$ which is parallel to the line $y = -1x + -7$.

(11) Find the slope intercept form of the line through $(1, 16)$ and $(3, 16)$.

(12) Find the slope intercept form of the line through $(2, -12)$ which is perpendicular to the line $y = -\frac{1}{-2}x + -17$.

(13) Find the slope intercept form of the line through $(3, 9)$ and with slope 0.

(14) Find the slope intercept form of the line through $(-5, 4)$ which is perpendicular to the line $y = -\frac{1}{-1}x + 16$.

(15) Find the slope intercept form of the line through $(2, 20)$ which is perpendicular to the line $y = -2x + 1$.

(16) Find the slope intercept form of the line through $(4, \frac{-55}{3})$ which is perpendicular to the line $y = -\frac{6}{-5}x + -5$.

(17) Find the slope intercept form of the line through $(-1, \frac{-7}{3})$ which is parallel to the line $y = \frac{-5}{3}x + -8$.

(18) Find the slope intercept form of the line through $(-3, \frac{-27}{4})$ and with slope $\frac{5}{4}$.

(19) Find the slope intercept form of the line through $(-3, -14)$ which is perpendicular to the line $y = -\frac{1}{-1}x + -19$.

(20) Find the slope intercept form of the line through $(-4, 24)$ which is perpendicular to the line $y = -\frac{2}{-3}x + 12$.

(21) Find the slope intercept form of the line through $(-2, \frac{12}{5})$ and with slope $\frac{-1}{5}$.

(22) Find the slope intercept form of the line through $(-1, \frac{-9}{2})$ and with slope $\frac{5}{2}$.

(23) Find the slope intercept form of the line through $(-4, \frac{99}{5})$ which is parallel to the line $y = \frac{-6}{5}x + 14$.

(24) Find the slope intercept form of the line through $(4, 42)$ and $(0, 18)$.

(25) Find the slope intercept form of the line through $(2, 17)$ and with slope -1.

(26) Find the slope intercept form of the line through $(4, 20)$ which is parallel to the line $y = 12$.

(27) Find the slope intercept form of the line through $(1, \frac{26}{3})$ which is parallel to the line $y = \frac{2}{3}x + 13$.

(28) Find the slope intercept form of the line through $(-1, \frac{-7}{4})$ which is parallel to the line $y = \frac{3}{4}x + -10$.

(29) Find the slope intercept form of the line through $(-4, 18)$ which is parallel to the line $y = -3x + 4$.

(30) Find the slope intercept form of the line through $(3, 6)$ and with slope -4.

(31) Find the slope intercept form of the line through $(-3, -26)$ which is parallel to the line $y = x + 0$.

(32) Find the slope intercept form of the line through $(-2, -21)$ and with slope 0.

(33) Find the slope intercept form of the line through $(-1, 24)$ and with slope -2.

(34) Find the slope intercept form of the line through $(-2, -2)$ and with slope $\frac{3}{2}$.

(35) Find the slope intercept form of the line through $(3, 21)$ which is parallel to the line $y = 2$.

(36) Find the slope intercept form of the line through $(-1, \frac{47}{3})$ which is parallel to the line $y = \frac{-5}{3}x + 19$.

(37) Find the slope intercept form of the line through $(-1, \frac{52}{3})$ which is parallel to the line $y = \frac{-1}{3}x + -12$.

(38) Find the slope intercept form of the line through $(3, \frac{-92}{5})$ and $(-3, \frac{-98}{5})$.

(39) Find the slope intercept form of the line through $(2, \frac{49}{2})$ and $(-2, \frac{43}{2})$.

(40) Find the slope intercept form of the line through $(1, 13)$ which is perpendicular to the vertical line passing through $(2, 3)$.

Solutions:

(1) $y = \frac{-2}{5}x + 23$.
(2) $y = 3$.
(3) $y = 1x + 20$.
(4) $y = \frac{-6}{5}x - 9$.
(5) $y = -18$.
(6) $y = 14$.
(7) $y = \frac{3}{2}x + 2$.
(8) $y = 2x + 10$.
(9) $y = -7$.
(10) $y = -1x - 23$.
(11) $y = 16$.
(12) $y = -2x - 8$.
(13) $y = 9$.
(14) $y = -1x - 1$.
(15) $y = \frac{1}{2}x + 19$.
(16) $y = \frac{-5}{6}x - 15$.
(17) $y = \frac{-5}{3}x - 4$.
(18) $y = \frac{5}{4}x - 3$.
(19) $y = -1x - 17$.
(20) $y = \frac{-3}{2}x + 18$.
(21) $y = \frac{-1}{5}x + 2$.
(22) $y = \frac{5}{2}x - 2$.
(23) $y = \frac{-6}{5}x + 15$.
(24) $y = 6x + 18$.
(25) $y = -1x + 19$.
(26) $y = 20$.
(27) $y = \frac{2}{3}x + 8$.
(28) $y = \frac{3}{4}x - 1$.
(29) $y = -3x + 6$.
(30) $y = -4x + 18$.
(31) $y = 1x - 23$.
(32) $y = -21$.
(33) $y = -2x + 22$.
(34) $y = \frac{3}{2}x + 1$.
(35) $y = 21$.
(36) $y = \frac{-5}{3}x + 14$.
(37) $y = \frac{-1}{3}x + 17$.
(38) $y = \frac{1}{5}x - 19$.
(39) $y = \frac{3}{4}x + 23$.
(40) $y = 13$.