Write the equation of each line described. If the line is oblique, then write the slope-intercept equation.

1. The line with slope 2 and $y$-intercept 3 .

Oblique line ; $\mathbf{m = 2 ; b = 3 ; y = m x + b .}$

$$
y=2 x+3
$$

3. The horizontal line through the point $(2,3)$. horizontal line $\mathbf{y}=\mathrm{k} ; \mathbf{y}=\mathbf{3}$ at the given point. $\qquad$
4. The vertical line through the point $(2,3)$. vertical line; $x=k ; x=2$ at the given point.

$$
x=2
$$

7. The line with slope -2 through the point $(0,-5)$. Oblique line ; $m=-2 ; b=-5 ; y=m x+b$

$$
y=-2 x-5
$$

9. The line with no slope through the point $(3,1)$. vertical line $\mathbf{x}=\mathrm{k} ; \mathbf{x = 3}$ at the given point.
$\mathrm{x}=3$
10. The line with slope $\mathbf{0}$ through the point $(3,1)$. horizontal line $; \mathbf{y}=\mathrm{k} ; \mathbf{y}=1$ at the given point. $\qquad$
$\mathrm{y}=1$
11. The line through $(-2,1)$ and $(0,7)$.
oblique line ; $m=\frac{7-1}{0--2}=3 ; b=7$
$y=3 x+7$
12. The line through $(5,4)$ and $(-1,4)$. horizontal line $; \mathbf{y}=\mathrm{k} ; \mathbf{y}=\mathbf{4}$ at the given points. $\qquad$
13. The line through $(5,1)$ and $(5,-2)$. vertical line $; \mathbf{x}=\mathrm{k} ; \mathbf{x}=5$ at the given points.
$x=5$
