Writing Linear Equations in Point-Slope and Standard Forms

*Write the standard form of an equation of the line that passes
through the given point and has the given slope.*

1. $(1, 1), \dfrac{1}{4}$

2. $(6, 0), -\dfrac{1}{2}$

3. $(-2, 1), 1$

4. $(-6, -2), -\dfrac{1}{3}$

5. $(3, -4), 0$

6. $(-4, 1), \dfrac{3}{2}$

7. $(0, 0), -3$

8. $(5, -3),$ none

*Write the point-slope form of an equation of the line that
passes through each pair of points.*

9. $(-1, -7), (1, 3)$

10. $(5, 3), (-4, 3)$

11. $(-4, 6), (-2, 5)$

12. $(2, -6), (2, 5)$

13. $(-3, -2), (4, 5)$

14. $(-5, 1), (0, -2)$