Quadratic Function - Intercepts

Find the x-intercept and y-intercept of each quadratic function.

1) $f(x) = x^2 + 9x + 18$

    x-intercepts are _____

    y-intercept is _____

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

    x-intercepts are _____

    y-intercept is _____

3) $f(x) = (x + 2)^2 - 16$

    x-intercepts are _____

    y-intercept is _____

4) $f(x) = 2x^2 + 6x + 4$

5) $f(x) = (2x + 1)(3x + $

    x-intercepts are _____

    y-intercept is _____

7) $f(x) = (x - 7)\left(x - \dfrac{1}{2}\right)$

    x-intercepts are _____

    y-intercept is _____

    y-intercept is _____

9) $f(x) = 4x^2 + 8x$

    x-intercepts are _____

    y-intercept is _____

10) $f(x) = (2x + 3)^2 - 81$

    x-intercepts are _____

    y-intercept is _____