<u>Quadratic Equations : Worksheet -6</u>

1) Given the roots below, write a quadratic equation with those roots.

    a) $5 \; and -2$ b) $-5 \; and -2$

    c) $6 \; and \; 3$ d) $\dfrac{2}{3} \; and \; \dfrac{-1}{3}$

2) Given the sum of the roots and the product of the roots, write a quadratic equation.

    a) $sum = 8, \; product = 12$ b) $sum = -8, \; product = 12$

    c) $sum = -7, \; product = -10$ d) $sum = \dfrac{4}{7}, \; product = \dfrac{3}{49}$