

**Sum and Product of the Roots**

L1S1

Find the sum and product of the roots from each equation.

1)  $6x^2 - 18x - 24 = 0$

Sum of the roots = \_\_\_\_\_

Product of the roots = \_\_\_\_\_

2)  $0.5m^2 + 1.5m + 3 = 0$

Sum of the roots = \_\_\_\_\_

Product of the roots = \_\_\_\_\_

3)  $-\frac{1}{2}p^2 + \frac{9}{4}p + \frac{7}{2} = 0$

Sum of the roots = \_\_\_\_\_

Product of the roots = \_\_\_\_\_

4)  $5y^2 - 6 = 0$

Sum of the roots = \_\_\_\_\_

Product of the roots = \_\_\_\_\_

5)  $9.5s^2 + 8s - 16.5 = 0$

Sum of the roots = \_\_\_\_\_

Product of the roots = \_\_\_\_\_

6)  $\sqrt{5}k^2 + \sqrt{20}k - 5\sqrt{5} = 0$

Sum of the roots = \_\_\_\_\_

Product of the roots = \_\_\_\_\_

7)  $16n^2 - 24n + 30 = 0$

Sum of the roots = \_\_\_\_\_

Product of the roots = \_\_\_\_\_

8)  $9z^2 + 4z + 7 = 0$

Sum of the roots = \_\_\_\_\_

Product of the roots = \_\_\_\_\_