

Sum and Product of the Roots

L1S2

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

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

2) $5h^2 - 40h - 55 = 0$

Sum of the roots = _____

Sum of the roots = _____

Product of the roots = _____

Product of the roots = _____

3) $6.9g^2 + 18.9g - 21.3 = 0$

$-\frac{11}{12} = 0$

Sum of the roots = _____

Sum of the roots = _____

Product of the roots = _____

Product of the roots = _____

5) $-q^2 + 10q = 0$

$+121 = 0$

Sum of the roots = _____

Sum of the roots = _____

Product of the roots = _____

Product of the roots = _____

7) $\sqrt{12}k^2 + 6\sqrt{3}k - \sqrt{3} = 0$

8) $7x^2 + 8x + 40 = 0$

Sum of the roots = _____

Sum of the roots = _____

Product of the roots = _____

Product of the roots = _____

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