

Sum and product of the roots

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

1) $2m^2 + 14 + 8m = 0$

Sum of the roots = _____

Product of the roots = _____

2) $6 + 7c = -3c^2$

Sum of the roots = _____

Product of the roots = _____

3) $10s^2 - 5 = -20s$

Sum of the roots = _____

Product of the roots = _____

4) $19a^2 - 11a = -2$

Sum of the roots = _____

Product of the roots = _____

5) $-k + 1 = -k^2$

Sum of the roots = _____

Product of the roots = _____

6) $4x^2 - 13 = 12x$

Sum of the roots = _____

Product of the roots = _____

7) $18p^2 = 17$

Sum of the roots = _____

Product of the roots = _____

8) $9n + 3n^2 = 0$

Sum of the roots = _____

Product of the roots = _____