

## Sum and product of the roots

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

1)  $-8z^2 = 3z - 5$

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

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

2)  $9u^2 = 27u$

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

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

3)  $4y^2 - 6y + 12 = 0$

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

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

4)  $-14w = 13 - 7w^2$

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

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

5)  $20 = 10b - b^2$

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

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

6)  $c^2 = 1 - c$

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

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

7)  $11 = 6t^2$

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

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

8)  $-4r - 2r^2 + 16 = 0$

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

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