Sum and Product of the Roots

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

1) $5x^2 + 10x - 20 = 0$

Sum of the roots = _____

Product of the roots = _____

2) $18p = -p^2$

Sum of the roots = _____

Product of the roots = _____

3) $7 = 2v^2 - 9v$

Sum of the roots = _____

Product of the roots = _____

4) $-12 + 4r^2 = 13r$

Sum of the roots = _____

Product of the roots = _____

5) $-8t = -6 - t^2$

Sum of the roots = _____

Product of the roots = _____

6) $-15 = -11n^2$

Sum of the roots = _____

Product of the roots = _____

7) $2m^2 = -16m$

Sum of the roots = _____

Product of the roots = _____

8) $3q + 7q^2 - 1 = 0$

Sum of the roots = _____

Product of the roots = _____