

SIMPLIFYING RADICAL EXPRESSIONS



1. Find an equation of a line that has a slope of -3 and contains the point (1, -5).

2. What is the y-intercept of $3x - 2y = 18$?

EXAMPLES: Simplify.

1) $\sqrt{648} =$ _____

2) $\sqrt{512a^2b^3} =$ _____

3) $ab\sqrt{81a^6b^8} =$ _____

4) $2\sqrt{12a^7b^{11}} =$ _____

5) $-5xy\sqrt{72x^5y^4} =$ _____

6) $3mn^2\sqrt{121m^4n^5p^7} =$ _____