

Name _____



Date _____

Radicals

Simplify.

1. $\frac{12\sqrt{56}}{-2\sqrt{7}}$	2. $(\sqrt{294})(\sqrt{45})$
3. $\frac{91\sqrt{12}}{-13\sqrt{2}}$	4. $(5\sqrt{1792})(-10\sqrt{72})$
5. $(-9\sqrt{384})(-12\sqrt{28})$	6. $\frac{-21\sqrt{150}}{-3\sqrt{30}}$
7. $\frac{-108\sqrt{50}}{9\sqrt{25}}$	8. $(6\sqrt{1440})(\sqrt{1859})$
9. $(\sqrt{32})(-2\sqrt{90})$	10. $\frac{-14\sqrt{96}}{2\sqrt{16}}$
11. $(\sqrt{1764})(-3\sqrt{2560})$	12. $(\sqrt{1210})^2$
13. $\frac{-6\sqrt{209}}{2\sqrt{19}}$	14. $(\sqrt{972})(9\sqrt{1800})$