

Radicals worksheet

Solve:

1. $4\sqrt{1} + 3\sqrt{7}$

2. $\sqrt{72} - 9\sqrt{2}$

3. $\frac{-4\sqrt{28}}{\sqrt{4}}$

4. $\frac{7}{-6-\sqrt{3}}$

5. $11\sqrt{28} + \sqrt{7} + 2\sqrt{7}$

6. $-3\sqrt[3]{-3} + 2\sqrt[3]{162} + 3\sqrt[3]{81}$

7. $4\sqrt[6]{3} + 2\sqrt[4]{32} - 3\sqrt[6]{192} - 2\sqrt[6]{192}$

8. $\frac{10}{\sqrt{7}-\sqrt{5}}$

9. $5\sqrt{3} - 3\sqrt{3} + 4\sqrt{8}$

10. $2\sqrt[3]{6} - \sqrt[6]{6} + 3\sqrt[3]{6} - 3\sqrt[6]{384}$

11. $-3\sqrt{24} - \sqrt{6}$

12. $\frac{\sqrt{3}}{9-4\sqrt{10}}$