

Negative and Rational Exponents

Simplify $(-9)^2$

Click on the correct answer. r

1. $\frac{1}{81}$ 2. $-\frac{1}{81}$ 3. 81
4. -81 5. 3 6. -3
7. $\frac{1}{3}$ 8. $-\frac{1}{3}$

Simplify -9^2

1. $\frac{1}{81}$ 2. $-\frac{1}{81}$ 3. 81
4. -81 5. 3 6. -3
7. $\frac{1}{3}$ 8. $-\frac{1}{3}$

Simplify -9^{-2}

1. $\frac{1}{81}$ 2. $-\frac{1}{81}$ 3. 81
4. -81 5. 3 6. -3
7. $\frac{1}{3}$ 8. $-\frac{1}{3}$

Simplify $-9^{\frac{1}{2}}$

1. $\frac{1}{81}$ 2. $-\frac{1}{81}$ 3. 81
4. -81 5. 3 6. -3
7. $\frac{1}{3}$ 8. $-\frac{1}{3}$

Simplify $-9^{-\frac{1}{2}}$

1. $\frac{1}{81}$ 2. $-\frac{1}{81}$ 3. 81
4. -81 5. 3 6. -3
7. $\frac{1}{3}$ 8. $-\frac{1}{3}$

Simplify $\frac{1}{(-9)^2}$

1. $\frac{1}{81}$ 2. $-\frac{1}{81}$ 3. 81
4. -81 5. 3 6. -3
7. $\frac{1}{3}$ 8. $-\frac{1}{3}$

Simplify $\frac{1}{-9^{-2}}$

1. $\frac{1}{81}$ 2. $-\frac{1}{81}$ 3. 81
4. -81 5. 3 6. -3
7. $\frac{1}{3}$ 8. $-\frac{1}{3}$

Simplify $\frac{1}{-9^{\frac{1}{2}}}$

1. $\frac{1}{81}$ 2. $-\frac{1}{81}$ 3. 81
4. -81 5. 3 6. -3
7. $\frac{1}{3}$ 8. $-\frac{1}{3}$

Simplify -16^{-2}

1. $\frac{1}{256}$ 2. $-\frac{1}{256}$ 3. 256
4. -256 5. 4 6. -4
7. $\frac{1}{4}$ 8. $-\frac{1}{4}$

Simplify $(-16)^2$

1. $\frac{1}{256}$ 2. $-\frac{1}{256}$ 3. 256
4. -256 5. 4 6. -4
7. $\frac{1}{4}$ 8. $-\frac{1}{4}$

Simplify $-16^{\frac{1}{2}}$

1. $\frac{1}{256}$ 2. $-\frac{1}{256}$ 3. 256
4. -256 5. 4 6. -4
7. $\frac{1}{4}$ 8. $-\frac{1}{4}$

Simplify $-16^{-\frac{1}{2}}$

1. $\frac{1}{256}$ 2. $-\frac{1}{256}$ 3. 256
4. -256 5. 4 6. -4
7. $\frac{1}{4}$ 8. $-\frac{1}{4}$