

# Exponents Worksheet

Solve.

**1 a.**  $7^1 / 8^2$

**1 b.**  $10^6 \times 4^1$

**2 a.**  $3^3 / 10^9$

**2 b.**  $2^3 \times 6^2$

**3 a.**  $0^{36} \times 1^{91}$

**3 b.**  $100^5 + 9^2$

**4 a.**  $0^{76} \times 4^2$

**4 b.**  $7^2 / 8^1$

**5 a.**  $100^1 + 10^5$

**5 b.**  $3^1 / 100^6$

**6 a.**  $0^{13} + 10^1$

**6 b.**  $100^4 + 2^1$

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## Answer Key

1 a.  $\frac{7}{64}$

1 b. 4000000

2 a.  $\frac{27}{100000000}$

2 b. 288

3 a. 0

3 b. 10000000081

4 a. 0

4 b.  $6\frac{1}{8}$

5 a. 100100

5 b.  $\frac{3}{100000000000}$

6 a. 10

6 b. 100000002

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