

# Order of Operations

With powers of ten

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

~ Worksheet ~

1.  $\frac{21 \times 10^3}{7 \times 10^2}$

6.  $\frac{12 \times 10^5}{4 \times 10^4}$

11.  $\frac{8 \times 10^7}{4 \times 10^3}$

2.  $\frac{12 \times 10^5}{4 \times 10^6}$

7.  $\frac{14 \times 10^2}{2 \times 10^3}$

12.  $\frac{9 \times 10^4}{6 \times 10^3}$

3.  $\frac{24 \times 10^4}{2 \times 10^5}$

8.  $\frac{6 \times 10^5}{3 \times 10^3}$

13.  $\frac{15 \times 10^5}{5 \times 10^2}$

4.  $\frac{20 \times 10^4}{5 \times 10^3}$

9.  $\frac{16 \times 10^4}{8 \times 10^3}$

14.  $\frac{6 \times 10^5}{2 \times 10^2}$

5.  $\frac{9 \times 10^6}{3 \times 10^4}$

10.  $\frac{4 \times 10^3}{3 \times 10^3}$

15.  $\frac{7 \times 10^3}{14 \times 10^2}$

# Order of Ops. with Powers of ten worksheet

$18 \times 10^5$   
 $3 \times 10^3$   
 Sample Problem

1.  $\frac{21 \times 10^3}{7 \times 10^2} = 30$

10.	$\frac{21000}{700}$	$\frac{30}{7 \times 10^3}$
	$210 \div 7$	$\frac{30}{0}$

8.  $\frac{6 \times 10^5}{3 \times 10^3} = 200$

8.	$\frac{600000}{3000}$	$\frac{200}{3 \times 10^3}$
	$600 \div 3$	$\frac{200}{0}$

14.  $\frac{6 \times 10^3}{2 \times 10^0} = 30$

14.	$\frac{6000}{2}$	$\frac{300}{2 \times 10^0}$
	$6000 \div 2$	$300$

2.  $\frac{12 \times 10^5}{4 \times 10^6} = 0.3$

2.	$\frac{1200000}{4000000}$	$\frac{0.3}{4 \times 10^6}$
	$12 \div 40$	$\frac{0.3}{0}$

9.  $\frac{16 \times 10^4}{8 \times 10^3} = 20$

9.	$\frac{160000}{8000}$	$\frac{20}{8 \times 10^3}$
	$160 \div 8$	$\frac{20}{0}$

15.  $\frac{7 \times 10^3}{14 \times 10^0} = 5$

15.	$\frac{7000}{14}$	$\frac{5}{14 \times 10^0}$
	$70 \div 14$	$\frac{5}{0}$

3.  $\frac{24 \times 10^4}{2 \times 10^5} = 1.2$

3.	$\frac{240000}{200000}$	$\frac{1.2}{2 \times 10^5}$
	$24 \div 20$	$\frac{1.2}{0}$

10.  $\frac{4 \times 10^3}{3 \times 10^3} = 1\frac{1}{3}$

10.	$\frac{4000}{3000}$	$\frac{1\frac{1}{3}}{3 \times 10^3}$
	$4 \div 3$	$\frac{1\frac{1}{3}}{0}$

4.  $\frac{20 \times 10^4}{5 \times 10^3} = 40$

4.	$\frac{200000}{5000}$	$\frac{40}{5 \times 10^3}$
	$200 \div 5$	$\frac{40}{20 \times 2 = 40}$

11.  $\frac{8 \times 10^7}{4 \times 10^3} = 20,000$

11.	$\frac{80000000}{4000}$	$\frac{20000}{4 \times 10^3}$
	$80000 \div 4$	$\frac{20000}{0}$

5.  $\frac{9 \times 10^6}{3 \times 10^4} = 300$

5.	$\frac{9000000}{30000}$	$\frac{300}{3 \times 10^4}$
	$900 \div 3$	$\frac{300}{0}$

6.  $\frac{12 \times 10^5}{4 \times 10^4} = 30$

6.	$\frac{1200000}{40000}$	$\frac{30}{4 \times 10^4}$
	$120 \div 4$	$\frac{30}{0}$

12.  $\frac{9 \times 10^4}{6 \times 10^3} = 15$

12.	$\frac{90000}{6000}$	$\frac{15}{6 \times 10^3}$
	$90 \div 6$	$\frac{15}{30}$

7.  $\frac{14 \times 10^4}{2 \times 10^3} = 0.7$

7.	$\frac{1400}{2000}$	$\frac{0.7}{2 \times 10^3}$
	$14 \div 20$	$\frac{0.7}{0}$

13.  $\frac{15 \times 10^5}{5 \times 10^2} = 3,000$

13.	$\frac{1500000}{500}$	$\frac{3000}{5 \times 10^2}$
	$15000 \div 5$	$\frac{3000}{0}$