

Name: _____

Date _____

Topic: Exponents to Numbers - Worksheet 1

For problems 1-6, convert to numerical form

For problems 7-10, compare the exponents



1 $(-0.2)^2$ = _____

2 $(6/2)^3$ = _____

3 $(-4/2)^{-2}$ = _____

4 $(-0.5)^3$ = _____

5 $(-2/4)^4$ = _____

6 $(-0.1)^{-4}$ = _____

7 $(-2/3)^2$ _____ $(-0.4)^{-2}$

8 $(6/7)^3$ _____ $(0.6)^2$

9 $(4/6)^{-2}$ _____ $(-0.5)^{-3}$

10 $(-2/4)^{-4}$ _____ -0.43



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Topic: Exponents to Numbers - Worksheet 2

For problems 1-6, convert to numerical form

For problems 7-10, compare the exponents

1 $(-0.4)^2$ = _____

2 $(4/2)^3$ = _____

3 $(-5/3)^{-4}$ = _____

4 $(-0.2)^2$ = _____

5 $(-3/6)^2$ = _____

6 $(-0.3)^{-3}$ = _____

7 $(-2/4)^3$ _____ $(-0.2)^{-4}$

8 $(4/8)^2$ _____ $(0.3)^3$

9 $(2/6)^{-3}$ _____ $(-0.4)^{-2}$

10 $(-4/4)^{-2}$ _____ -0.24



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Topic: Exponents to Numbers - Worksheet 3

For problems 1-6, convert to numerical form

For problems 7-10, compare the exponents

1 $(-0.6)^3$ = _____

2 $(3/1)^3$ = _____

3 $(-4/2)^{-2}$ = _____

4 $(-0.4)^2$ = _____

5 $(-6/9)^2$ = _____

6 $(-0.2)^{-3}$ = _____

7 $(-2/4)^4$ _____ $(-0.2)^{-2}$

8 $(3/9)^3$ _____ $(0.4)^4$

9 $(1/4)^{-2}$ _____ $(-0.3)^{-3}$

10 -0.4 _____ $(-3/2)^{-4}$



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Topic: Exponents to Numbers - Worksheet 4

For problems 1-6, convert to numerical form

For problems 7-10, compare the exponents

1 $(-0.3)^3$ = _____

2 $(2/8)^3$ = _____

3 $(-3/8)^{-2}$ = _____

4 $(-0.2)^2$ = _____

5 $(-2/4)^3$ = _____

6 $(-0.4)^{-4}$ = _____

7 $(-1/2)^3$ _____ $(-0.5)^{-4}$

8 $(4/6)^2$ _____ $(0.3)^3$

9 $(3/4)^{-2}$ _____ $(-0.2)^{-2}$

10 $(-2/4)^{-5}$ _____ -0.6



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Topic: Exponents to Numbers - Worksheet 5

For problems 1-6, convert to numerical form

For problems 7-10, compare the exponents

1 $(-0.6)^3$ = _____

2 $(1/2)^3$ = _____

3 $(-2/3)^{-2}$ = _____

4 $(-0.5)^3$ = _____

5 $(-3/5)^2$ = _____

6 $(-0.2)^{-4}$ = _____

7 $(-3/3)^2$ _____ $(-0.3)^{-2}$

8 $(2/4)^2$ _____ $(0.2)^2$

9 $(4/2)^{-3}$ _____ $(-0.4)^{-4}$

10 $(-5/2)^{-3}$ _____ -0.43

