

Reflection Sheet

Name: _____ Date: _____ Week #: _____

Assignments	Grade	Comments
Parent Signature		Please sign weekly

Date	Class work	Homework (must write in planner as well)
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		


******Students must complete their homework daily, 100%; the consequence = silent lunch daily******

Parent Signature: _____

Essential Questions	Answers
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

Name: _____ Date: _____ Week: _____

"Warm-up's Q1W5"

<p>Monday Warm-up Solve. $(-21) - (-8) =$ $(-8) - (-2) =$ $(-21) - (-38) =$ $(-12) - (-4) =$ $(-1) - (-12) =$ $(-7) - (-14) =$ $(-19) - (-5) =$ $(-7) - (-2) =$</p>	<p>Show all your work</p>
<p>Tuesday Warm-up (8.EE.1)</p> <p>Jack plans to build flower bed. Find the area of the Square garden.</p>  <p>$4x^3y^4$</p>	<p>Show all work here</p>
<p>Wednesday Warm-up (8.EE.1)</p> <p>What is the value of the following expression?</p> $\frac{(4^3)^2}{(4^2)(4^8)}$	<p>Show all work here</p>
<p>Thursday Warm-up</p> <p>Solve. $-2\frac{3}{4} + -3\frac{3}{8}$</p>	

More Properties of Exponents

Simplify. Your answer should contain only positive exponents.

1) $(x^{-2}x^{-3})^4$

2) $(x^4)^{-3} \cdot 2x^4$

3) $(\pi^3)^3 \cdot 2\pi^{-1}$

4) $(2v)^2 \cdot 2v^2$

5) $\frac{2x^2y^4 \cdot 4x^2y^4 \cdot 3x}{3x^3y^2}$

6) $\frac{2y^3 \cdot 3xy^3}{3x^2y^4}$

7) $\frac{x^3y^3 \cdot x^3}{4x^2}$

8) $\frac{3x^2y^2}{2x^{-1} \cdot 4yx^2}$

9) $\frac{x}{(2x^0)^2}$

10) $\frac{2m^{-4}}{(2m^{-4})^3}$

Name _____

Date _____

Period _____

11) $\frac{(2m^2)^{-1}}{m^2}$

13) $(a^{-3}b^{-3})^0$

15) $ba^4 \cdot (2ba^4)^{-3}$

17) $\frac{2k^3 \cdot k^2}{k^{-3}}$

19) $\frac{(2x)^{-4}}{x^{-1} \cdot x}$

21) $\frac{(2pm^{-1}q)^{-4} \cdot 2m^{-1}p}{2pq^2}$

12) $\frac{2x^3}{(x^{-1})^3}$

14) $x^4y^3 \cdot (2y^2)^0$

16) $(2x^0y^2)^{-3} \cdot 2yx^3$

18) $\frac{(x^{-3})^4x^4}{2x^{-3}}$

20) $\frac{(2x^3z)^3}{x^2y^4z^2 \cdot x^{-4}z^3}$

22) $\frac{(2k^2j^2k^{-2} \cdot h^4j^{-1}k^4)^0}{2k^{-3}j^{-4}k^{-2}}$

Writing in Scientific Notation

Write each number in scientific notation.

1) 0.000006

3) 60

5) 6.7

7) 2000000

9) 48900

11) 0.63×10^1

13) 0.000216

15) 0.15×10^{-2}

Name _____

Date _____

Period _____

2) 5400000

4) 0.009

6) 0.00000002

8) 71×10^3

10) 0.00000009

12) 33×10^{-3}

14) 0.0042

16) 4.8

Write each number in standard notation.

17) 0.9×10^{-1}

19) 2×10^5

21) 2.66×10^4

23) 7.75×10^{-1}

25) 9.5×10^7

27) 0.9×10^{-3}

29) 7.5×10^{-5}

31) 8.4×10^5

18) 2×10^{-1}

20) 804×10^2

22) 1.5×10^{-2}

24) 8.3×10^7

26) 1.71×10^7

28) 38×10^2

30) 4×10^0

32) 4×10^{-5}

Operations With Scientific Notation

Simplify. Write each answer in scientific notation.

1) $(1.08 \times 10^{-3})(9.3 \times 10^{-3})$

3) $(2.32 \times 10^{-6})(4 \times 10^{-5})$

5) $(7.1 \times 10^{-5})(6.7 \times 10^{-6})$

7) $\frac{7.1 \times 10^6}{8.2 \times 10^1}$

9) $\frac{4 \times 10^4}{3.63 \times 10^{-4}}$

11) $\frac{8.42 \times 10^3}{5 \times 10^2}$

13) $(8.9 \times 10^5)^4$

2) $(2 \times 10^{-4})(8.1 \times 10^{-1})$

4) $(3.48 \times 10^3)(9.8 \times 10^4)$

6) $(6 \times 10^3)(9.91 \times 10^0)$

8) $\frac{5.4 \times 10^{-1}}{3.4 \times 10^1}$

10) $\frac{9 \times 10^{-5}}{9.24 \times 10^{-6}}$

12) $\frac{8.9 \times 10^6}{8.4 \times 10^6}$

14) $(4 \times 10^{-5})^{-6}$

Name _____
Date _____

Period _____

15) $(6 \times 10^{-5})^3$

17) $(5.21 \times 10^{-5})^2$

19) $\frac{3 \times 10^{-2}}{8 \times 10^{-1}}$

21) $\frac{1.91 \times 10^3}{5 \times 10^{-4}}$

23) $\frac{3.59 \times 10^{-2}}{2.22 \times 10^1}$

25) $\frac{6 \times 10^{-3}}{8.08 \times 10^{-2}}$

27) $(8.8 \times 10^2)(2.25 \times 10^{-2})$

16) $(6.3 \times 10^2)^{-6}$

18) $(2.4 \times 10^{-5})^4$

20) $\frac{4.1 \times 10^4}{1.28 \times 10^{-5}}$

22) $\frac{1.62 \times 10^{-6}}{5.3 \times 10^6}$

24) $(8.8 \times 10^{-5})^{-5}$

26) $(3.5 \times 10^{-2})(9 \times 10^4)$

28) $\frac{1.18 \times 10^{-4}}{3 \times 10^0}$