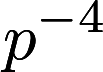
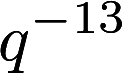
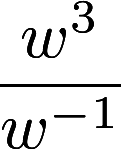
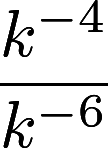
Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_

**Homework #3 - Due Friday 9/28**

**1-10 Directions:** Simplify.

1. [8 super minus 5 ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D8%5E%7B-5%7D) 2. [3 super minus 7 ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D3%5E%7B-7%7D) 3. [](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7Dp%5E%7B-4%7D)

4. [z super minus 2 ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7Dz%5E%7B-2%7D) 5. [](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7Dq%5E%7B-13%7D) 6. [  6 squared  over 6 super 5   ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D%5Cfrac%7B6%5E2%7D%7B6%5E5%7D)

7. [n super minus 2  times n super minus 3 ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7Dn%5E%7B-2%7D%5Ccdot%20n%5E%7B-3%7D) 8. [](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D%5Cfrac%7Bw%5E3%7D%7Bw%5E%7B-1%7D%7D) 9. [](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D%5Cfrac%7Bk%5E%7B-4%7D%7D%7Bk%5E%7B-6%7D%7D)

10. [r super minus 7  times r cubed ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7Dr%5E%7B-7%7D%5Ccdot%20r%5E3)

**11-15 Directions:** Write each number in scientific notation.

11. [4 comma 400](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D4%2C400) 12. [75 comma 000](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D75%2C000) 13. [69 comma 900 comma 000](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D69%2C900%2C000)

14. [0.084](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D0.084) 15. [0.0099](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D0.0099)

**16-20 Directions:** Write each number in standard form.

16. [9.03 multiplication 10 squared ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D9.03%20%5Ctimes%2010%5E2%20) 17. [7.89 \  multiplication 10 cubed ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D7.89%5C%20%5Ctimes10%5E3) 18. [4.115 \  multiplication 10 super 5 ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D4.115%5C%20%5Ctimes10%5E5)

19. [5.1 \  multiplication 10 super minus 2 ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D5.1%5C%20%5Ctimes10%5E%7B-2%7D) 20. [7.7 \  multiplication 10 super minus 5 ](http://api.gmath.guru/cgi-bin/gmath?%5Cdpi%7B480%7D7.7%5C%20%5Ctimes10%5E%7B-5%7D)