

Parent Signature: _____

Name: _____

Date: _____

6th Grade Practice Sheet 19

Show all work - **NO CALCULATORS!**

1. Order from least to greatest. $\frac{1}{2}, \frac{1}{4}, \frac{2}{3}, \frac{3}{8}$		6. Order from least to greatest. $\frac{2}{3}, 0.111, 25\%, \frac{32}{100}$	
2. Order from least to greatest. 7.710, 7.700, 7.007, 7.040		7. Order from least to greatest. 0.85, 82%, 0.87, $\frac{84}{100}$	
3. What is the <u>radius</u> of a circle with an <u>area</u> of $25\pi\text{in}^2$?		8. What is the <u>circumference</u> of a circle with a <u>radius</u> of 7 cm? <u>Give your answer in terms of pi.</u>	
4. Simplify the quotient. 1.764 divided by 0.07		9. Simplify the quotient. 357 divided by 0.007	
5. Simplify the quotient. $6\frac{2}{9}$ and $6\frac{2}{3}$		10. Simplify the quotient. $7\frac{1}{2}$ and $1\frac{3}{4}$	

<p>11. One mile is 5280 feet. How many feet are there in 3.5 miles?</p>		<p>16. If you had 7 cake mixes and 2 frosting colors, how many different cakes could you make?</p> <p>a) 5 b) 9 c) 14 d) 49</p>	
<p>12. If you left your house at 3:15 pm and arrived at 6:25 pm. How many hours did you travel?</p>		<p>17. How many different 1-topping pizzas could you order if you could choose from 10 toppings and 3 types of crust?</p> <p>a) 7 b) 13 c) 30 d) 45</p>	
<p>13. A painting is 9 feet by 11 feet. Which choice is congruent?</p> <p>a) 34 in. × 60 in. b) 61 in. × 97 in. c) 82 in. × 108 in. d) 108 in × 132 in.</p>		<p>18. How many different outfits could you have if you could choose from 5 pants and 4 shirts?</p> <p>a) 9 b) 10 c) 15 d) 20</p>	
<p>14. At age 5, Patrick is 31 inches tall. How many feet and inches is that?</p>		<p>19. These are the choices for ice cream cones: 2 types of cones, 3 flavors. How many different combinations could you make?</p> <p>a) 2 b) 3 c) 5 d) 6</p>	
<p>15. Find the product and simplify.</p> <p style="text-align: center;">$1\frac{2}{3}$ and $1\frac{1}{4}$</p>		<p>20. Find the product and simplify.</p> <p style="text-align: center;">$\frac{3}{8}$ and $1\frac{1}{3}$</p>	

