

Prealgebra Placement Test

Name: _____

Parent email: _____

Please complete this test without parental assistance or a calculator. Show all of your work. You are welcome attach an extra sheet with work if you prefer. (Reduce fraction answers to lowest terms.)

<p>1. Round to the nearest thousandth. 16.34572</p>	<p>2. $\frac{3}{5}$ of the students ate pizza for lunch. If there were 20 students, how many ate pizza?</p>
<p>3. $3 + .875 + 1.8 =$</p>	<p>4. $3\frac{1}{4} + 2\frac{3}{4} =$</p>
<p>5. $\frac{3}{5} \times \frac{9}{12} =$</p>	<p>6. A video game costs \$60. The store put it on sale for 20% off. What is the new price?</p>
<p>7. $14.6 - 7.21 =$</p>	<p>8. $5\frac{3}{4} + 3\frac{5}{8}$</p>

9. $10\frac{1}{6} - 3\frac{7}{9} =$

10. $\frac{3}{4} \div \frac{3}{8} =$

11. $3 + 5 \times 6 =$

12. $2\frac{1}{4} \div 4\frac{1}{3} =$

13. $14.2 \div 2 =$

14. $3.765 \div .3 =$

15. Change 28% to
a. Decimal=

b. Fraction=

16. What is the average of 4.2, 3.62, and 5.2?

17. Evaluate $x^2 + xy$ if $x = 5$ and $y = 3$	18. $(-3) + 6 + (-7) + 2 =$
19. $(-3) \times (-2) =$	20. $(-8) - 2 =$
21. $2^3 + \sqrt{36} \times 3 - 4^2 \div \sqrt{4} =$	22. 40% of what number is 50?