
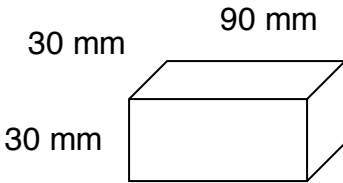


Name:

Show all work. No calculators.


Time:

<p>1. Round 7.49362 to the nearest thousandth.</p>	<p>2. President Franklin D. Roosevelt died in office in 1945 at the age of 63. In what year was he born?</p>	<p>3. Eric ran 8 laps in 11 minutes 44 seconds. How many seconds did it take Eric to run 8 laps?</p>
<p>4. A one-quart container of oil costs 89¢. A case of 12 one-quart containers costs \$8.64. How much is saved per container by buying the oil by the case?</p>	<p>5. Ricardo ran the 400-meter race 3 times. His fastest time was 54.3 seconds. His slowest time was 56.1 seconds. If his average time was 55.0 seconds, what was his time for the 3rd race?</p>	<p>6. The perimeter of a square is one yard. What is the area of the square in square inches?</p>
<p>7. The perimeter of the square equals the perimeter of the regular pentagon. Each side of the pentagon is 16 cm long. How long is each side of the square?</p> <div data-bbox="354 1304 532 1388"></div>	<p>8. Find the volume of the rectangular solid below.</p> <div data-bbox="602 1171 943 1352"></div>	<p>9. The sale price of an item on sale for 40% off is \$48. What was the regular price?</p>
<p>10. A bag contains 3 red, 4 white, and 5 blue marbles. If one marble is drawn from the bag, what is the probability that the marble will be blue?</p>	<p>11. Find w.</p> $6w = 6^3$	<p>12.</p> $4\frac{4}{5} \cdot 1\frac{1}{9} \cdot 1\frac{7}{8}$

Name:

Show all work. No calculators.

Page 2

13. $3\frac{5}{6} - \left( \frac{2}{3} - \frac{1}{2} \right)$	14. $(0.15)(0.05)$	15. Find a. $\frac{1.2}{4.4} = \frac{3}{a}$
16. If $\frac{w}{x} = 3$ , what does $\frac{x}{w}$ equal?	17. Write a fraction equal to $\frac{1}{2}$ with a denominator of 6 and a fraction equal to $\frac{1}{3}$ with a denominator of 6. Then add the fractions.	18. Solve if $x = 4$ and $y = 2$ . $x^3 - xy - \frac{x}{y}$
19. Forty percent of what number is 60?	20. $(-6)(15) =$ $(-6) - (+15) =$ $\frac{(-18)}{(-6)} =$ $(-18) + (-6) =$	

FreedomProject Academy  
Pre-Algebra Math Placement Test  
Print, Complete Showing ALL  
Work (No Calculators), Scan, &  
Email to [tests@fpeusa.org](mailto:tests@fpeusa.org)