
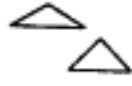


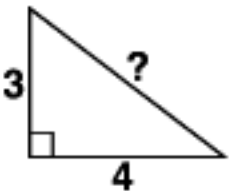
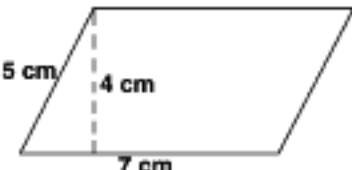



Pre-Test Grade 8 Partial Test Sample

A diagnostic tool to establish a baseline. A post-test measures growth at the end of the year.

The problem #'s match the objective being tested

1. What sign goes in the box to make a true statement? $35 \square 5 = 7$ _____	2. What number goes in the box to make a true statement? $58 + \square = 20 + 58$ _____	53. Which pair of figures are similar? (A)  (B)  (C)  (D) 
3. Which of the following gives the prime factors of 18? (A) $2 \cdot 3$ (B) $2 \cdot 9$ (C) $2 \cdot 2 \cdot 3$ (D) $2 \cdot 3 \cdot 3$	4. What number is in the ten thousands place in the number in the box? 563,427,910	54.  What is the length of the missing side? _____
5. Round 7,615,400 to the nearest million: _____	6. Which of the following is <u>not</u> true? (A) $2^3 = 2 \cdot 2 \cdot 2$ (B) $4^3 = 4 \cdot 3$ (C) $10^2 = 10 \cdot 10$ (D) $5^3 = 5 \cdot 5 \cdot 5$	55.  The formula for finding the area of a parallelogram is $A = bh$. What is the area of the parallelogram in square centimeters? _____
7. $\begin{array}{r} 4,285 \\ 3,273 \\ + 5,125 \\ \hline \end{array}$	8. Subtract 20,674 from 75,469. _____	56. The formula for finding the area of a circle is $A = \pi r^2$. ($\pi = 3.14$) What is the area of the circle in square inches? 
9. 748×39 _____	10. $31 \overline{) 1798}$	57. The correct way to write 7,500,000 in scientific notation is... (A) 7.5×10^6 (B) 7.5×10^8 (C) 7.5×10^5 (D) 7.5×10^4
11. Which fraction is <u>not</u> equivalent to $\frac{6}{10}$? (A) $\frac{12}{15}$ (B) $\frac{3}{5}$ (C) $\frac{12}{20}$ (D) $\frac{18}{30}$	12. Add. Simplify. $\frac{3}{5} + \frac{2}{3} =$ _____	58. What number goes in the box? (4) $(-2) = \square$ _____
13. Subtract: $6\frac{2}{7} - 3\frac{4}{7}$ _____	14. Multiply. Write fraction simplest form. $\frac{7}{8} \times \frac{2}{3} =$ _____	59. The correct evaluation for the expression in the box is $5 + 2 \times 3 - 4 \div 2$
15. Multiply. Write fraction in simplest form. $4 \times 2\frac{5}{8} =$ _____	16. Find the quotient in lowest terms. $\frac{4}{5} \div \frac{1}{2} =$ _____	60. 10 LET A = 8 20 LET B = 6 30 LET C = 2 40 PRINT (A - B) / 2 50 END 60 RUN What will the output be? _____
17. Find the quotient in lowest terms. $8\frac{3}{4} \div 5 =$ _____	18. What is the place name of the 2 in the number in the box? 0.5728	
19. Round 0.673 to the nearest hundredth. _____	20. Write $\frac{3}{10}$ as a decimal. _____	
21. $1.98 + .60 + 2.5 =$ _____	22. $\begin{array}{r} 6.5 \\ \times .39 \\ \hline \end{array}$	23. $0.5 \overline{) 2.15}$
24. $100 \times 0.065 =$ _____	25. Change 70% to a fraction in lowest terms. _____	