CHAPTER 7 PRACTICE TEST

Solve the equation.

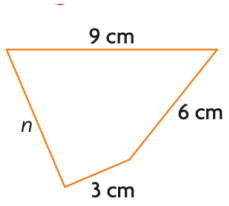
1. $s - 3 = 19$	2. $17 = 7 + m$	3. $5z = 60$
4. $\frac{a}{8.1} = 2.8$	5. $\frac{6}{7}r = 46$	6. $43 = \frac{m}{7}$

Tell whether the given value of the variable is a solution.

7. $4w = 44$; $w = 10$	8. $p - 4 = 28$; $p = 32$

9. Write and solve an equation to find n. Show work! Perimeter = 26cm

EQUATION:



10. Each ticket to a school dance is $4. The total amount collected in ticket sales is $332. Write and solve an equation to find the number of students attending the dance. (PUT YOUR ANSWER IN A SENTENCE)

11. $f + \frac{1}{5} = \frac{7}{8}$	12. $21 - 16 + m = 14 - 4$

Tell whether the ordered pair is a solution of the inequality.

13. $2x \leq 10; x = 5$	14. m – 4 > 8; m = 10

Graph the inequality on a number line.

15. $m \leq -2$	16. w > 6

Solve the inequality. Graph the solution.

17. r – 7 ≤ 2	18. $\frac{w}{3} < 8$
20. 2x > 24	21. $35 \geq \frac{5}{7}n$