

NAME _____

DATE _____

CLASS _____

SAMPLE TEST

1. **SECTION 3.6** Solve for t : $F = 16gt + t$.
2. **SECTION 3.1** Solve for x : $x - 9 = -3$.
3. **SECTION 3.2** Solve for v : $-2v + 7 = -8 + v$.
4. **SECTION 3.1** Solve for z : $\frac{3}{2}z = 5$.
5. **SECTION 3.7** Find the solution: $x + 5 \leq 8$.
6. **SECTION 3.7** Graph the solution for Exercise 5.
7. **SECTION 3.3** Solve for n : $2(n - 4) = 3(n + 6)$.
8. **SECTION 3.4** The sum of three consecutive integers is 42. What are the integers?
9. **SECTION 3.5** Suppose you travel at 55 mph for $3\frac{1}{2}$ hours. What distance do you cover?
10. **SECTION 3.5** A triangle with equal angles is called an equiangular triangle. How many degrees is each angle of an equiangular triangle?
11. **SECTION 3.8** Solve $5z < 30$.
12. **SECTION 3.8** Graph the solution of $\frac{2}{3}m \geq 4$.

ANSWERS

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12. _____

