1. $6x \geq -18$
2. $\frac{x}{-9} \leq 7$

3. $-20x > -10$
4. $14 \geq 9 - 5x$

5. $-3 - 4x \leq -18$
6. $8x - 3 < 5$

Level I
Name_____________________ Date_________
1. \( \frac{1}{2}x \geq 3 \)  

2. \( \frac{1}{6}x \leq -5 \)

3. \( \frac{1}{3}x > -7 \)  

4. \( \frac{2x - 4}{3} > 8 \)  

5. \( 2x \geq \frac{3x - 5}{2} \)  

6. \( x \geq \frac{5x - 7}{4} \)
1. \(4 (2x - 3) + 2x \leq 3x + 2\)

2. \(-3x \leq 5 (x - 7) - 2 (3x - 4)\)

3. \(-\frac{3}{4} x - 7 > 2\)
1. \( d = rt \) solve for \( t \).

2. \( 3x - 4y = 12 \) solve for \( y \).

3. \( A = \pi r^2 \) solve for \( \pi \).

4. \( A = \frac{1}{2} bh \) solve for \( h \).

5. \( V = \frac{1}{3} Bh \) solve for \( B \).

6. \( A = \frac{h(b_1 + b_2)}{2} \) solve for \( h \).
1. Find the largest of three consecutive negative integers such that three times the smallest is 8 less than the twice the middle integer.

2. There are 3 consecutive positive odd integers such that the product of 2 and the smallest is 1 more than the largest. Find the sum of the middle integer and -4.

3. The sum of 5 consecutive negative numbers is -75. What is the product of the middle integer and 2?

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