

Name: \_\_\_\_\_

Block: \_\_\_\_

Quiz: Review (II).  
Chapters 1 and 2  
Group A.



There are 5 questions in this quiz, each of equal value.  
Standard time for the test is 15 minutes .  
No calculator is allowed. (accommodation excepted)

**Question 1:**  
Simplify.

$$5x - [(6 - x) - (4 - 3x)] \div 2 + 3$$

**Question 2:**

Solve for y.

$$4 - (x + 3) = 13 - 5(2x - 3)$$

**Question 3:**

Simplify the following expressions so they include only positive exponents.

1.  $(-3x^{-4})^2$

2.  $\left(\frac{x^4}{3}\right)^{-2}$

3.  $(3 \cdot 10^{-4}) \times (4 \cdot 10^6)$

**Question 4:**

Simplify the following expression so it includes only positive exponents.

$$\left(\frac{y^2 \cdot 3 \cdot x^{-2}}{15 \cdot x^6 \cdot y^{-6}}\right)^3$$

**Question 5.a:**

Solve the equation  $A = P + Prt$  , for  $r$ .

**Question 5.b:**

Solve the equation  $A = P + Prt$  , for  $P$ .

=== End ===