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

Quiz: Review (II).

The real thing!

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.

$$ 5-\left[\left(x-2\right)-\left(4+4x\right)\right]÷3-3x$$

**Question 2:**

Solve for x.

$$6-\left(x+2\right)⋅2=22-4(2x-1)$$

|  |  |
| --- | --- |
| **Question 3:**  Simplify the following expressions so they include only positive exponents.1. $\left(3x^{-3}\right)^{2}$
2. $\left(\frac{-4}{x^{4}}\right)^{-2}$
3. $\left(5⋅10^{-3}\right) × (3⋅10^{7}) $
 | **Question 4:**  Simplify the following expression so it includes only positive exponents. $\left(\frac{x^{2}⋅3⋅y^{-2}}{6⋅x^{-3}⋅y^{-3}}\right)^{3}$ |
| **Question 5.a:**  Solve the equation $S=5+vt$ , for $v$. | **Question 5.b:**Solve the equation $E=xT-2yT$ , for $T$. |

=== End ====