Classwork part 1
April 19th
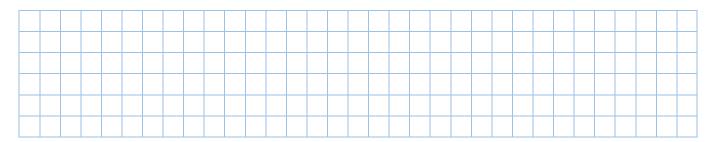
1. Solve equations:

$$25 + X = 49 \qquad Y - 251 = 301 \qquad 35 + Z = 126$$

2. Solve equations:

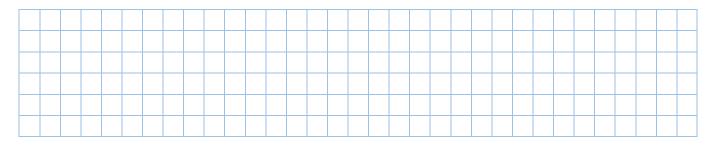$$24 \div X = 6 \qquad Y \div 8 = 6 \qquad 42 \div Z = 7$$

3. Solve equations:

$$4 \times X = 32 \qquad Y \times 8 = 56 \qquad 9 \times Z = 72$$

4. Solve each expression using the correct order of operations (number the operation first):

$8 \div 2 + 2 \times 9 =$ _____

$30 \div 6 \times 4 - 21 \div 7 + 16 \div 4 =$ _____

$9 \times 5 - 12 \div 6 =$ _____

$4 \times 5 - (2 + 4 \times 4) + 21 =$ _____

$25 - 24 \div 6 - 2 \times 3 =$ _____

$25 - 24 \div (6 - 2) \times 3 =$ _____

5. Expand the following by removing parentheses:

$3(z + 6) =$ _____

$2(8 - y) =$ _____

$4(a + 3) =$ _____

$5(4 - q) =$ _____

$5(2z + 9) =$ _____

$2(8 - 2y) =$ _____

$4(2a + 6) =$ _____

$5(3 - 2q) =$ _____