1. Calculate:

$9 + (-4) =$ $9 - (-4) =$ $-9 - (-4) =$ $-9 + (-4) =$

$6 + (-8) =$ $6 - (-8) =$ $-6 - (-8) =$ $-6 + (-8) =$

2. Remove parentheses:

a). $2(2x - 1 + 4b) =$ _____

b). $(x + 7 - 5w) \cdot 4 =$ _____

c). $7(3t - 5 + 4g) =$ _____

3. Simplify or calculate:

$1 \text{ cm} + 3 \text{ cm} + 5 \text{ cm} =$ $x + 3x + 5x =$

$3x + x + 9x - 12x =$ $x - 2x =$

$3x + 3 - x + 7 =$ $3 + x + 2 - 4x =$

Review of $\dfrac{1}{n}$ **and** $\dfrac{1}{n}$ **of a number.**

$\dfrac{1}{n} = 1 : n$ $\dfrac{1}{n}$ of x is $x : n$

4. $\dfrac{1}{8} =$ $\dfrac{1}{3} =$ $\dfrac{1}{11} =$ $\dfrac{1}{6} =$

$\dfrac{1}{4}$ of 36 is $\dfrac{1}{3}$ of 60 is $\dfrac{1}{4}$ of 12 is

5. Equivalent fractions:

$\dfrac{1}{8} = \dfrac{}{16}$ $\dfrac{1}{3} = \dfrac{}{12}$ $\dfrac{1}{7} = \dfrac{}{28}$ $\dfrac{1}{5} = \dfrac{3}{}$

$\dfrac{1}{9} = \dfrac{}{27}$ $\dfrac{1}{4} = \dfrac{}{12}$ $\dfrac{2}{56} = \dfrac{}{28}$ $\dfrac{1}{7} = \dfrac{5}{}$

6. Solve equations in your **notebook**:

$\frac{1}{8}x=2$ $\frac{1}{3}y=5$ $\frac{1}{6}w=6$

$2x = 1$ $5y = 1$ $7w = 1$

Additional: simplify

$(x + 1)\cdot4 + 5 =$ _____

$(2y - 3) + 1 =$ _____

$(3x + 2)\cdot2 + 5 =$ _____