1. Remove parenthesis and simplify:

$(6\boldsymbol{x} + 4\boldsymbol{y} - 8) : 2 - 2 \cdot (2\boldsymbol{x} + \boldsymbol{y}) =$ _____

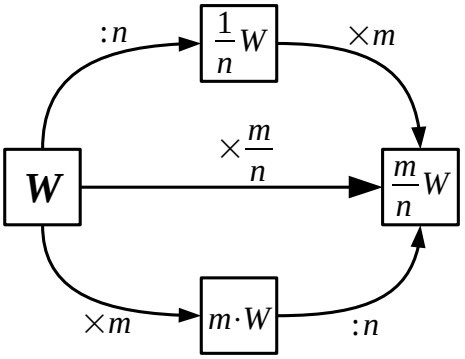
$3 \times (\boldsymbol{y} - 3\boldsymbol{x}) - 3 \cdot (\boldsymbol{x} - \boldsymbol{y} - 5) =$ _____

$2 \cdot (5\boldsymbol{w} + \boldsymbol{y}) + (12\boldsymbol{w} - 3y) : 3 =$ _____

2. Solve the equations:

a). $(4\boldsymbol{x} - 6) : 2 + 3 \cdot (\boldsymbol{x} - 5) = 12$

b). $2 \cdot (7 - \boldsymbol{x}) + 4 \cdot (\boldsymbol{x} - 5) = 8$



Multiplying by a random fraction $\frac{\boldsymbol{m}}{\boldsymbol{n}}$ **.**

3. Calculate:

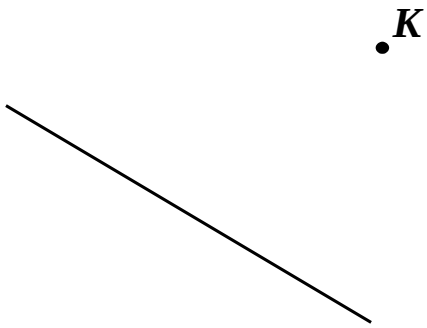
$2 \times \frac{1}{5} =$ $2 \times \frac{3}{5} =$ $2 \times \frac{2}{5} =$

$\frac{1}{2} \times \frac{1}{7} =$ $\frac{1}{2} \times \frac{2}{7} =$ $\frac{1}{2} \times \frac{5}{7} =$

$9 \times \frac{1}{12} =$ $9 \times \frac{5}{12} =$

$\frac{3}{4} \times \frac{4}{5} =$ $\frac{3}{4} \times \frac{1}{3} =$

4. Use a straight edge and a compass to plot straight line ***KT*** || ***m***:



1. _____

2. _____

3. _____