1. Calculate:

|5| = |-5| = |5-2| = |2-5| = |-2+(-7)| =

2. *Cross out* the equations that are *impossible to solve;* solve the rest of them:



Math 4

Classwork #10

3. Solve the equations:

$$\frac{2}{5}x = \frac{1}{4} \qquad \qquad \frac{1}{5}x - \frac{1}{3} = \frac{1}{6} \qquad \qquad \frac{1}{2} - \frac{3}{4}y = \frac{1}{4}$$

4. Remove parentheses:

$$(10-3x) \cdot 4 + (2x-4y) : 2 =$$

$$(5 + \frac{1}{2} x) \cdot 3 + (x - 4) : 2 = -$$

5. Find ...

6.

$$\frac{1}{4} of \frac{1}{3} is \qquad \qquad \frac{3}{4} of \frac{1}{3} is \\ \frac{1}{7} of \frac{1}{3} x is \qquad \qquad \frac{2}{7} of \frac{1}{3} x is$$

Multiplying and dividing by $\frac{1}{n}$.



7. Make appropriate drawings to solve the equations. Compare the answers.

$$144: (x-8) = 4 144: x-8 = 4$$