

Math 4b. Homework



1. 7260 people voted in the elections in the town, which is 24% of the town's population. How many inhabitants are in the town?

2. Compute

U (a) $\frac{16}{12} - \frac{8}{9} =$ (b) $2\frac{5}{8} - \frac{17}{24} =$ (c) $1\frac{1}{15} + \frac{5}{12} =$

3. Compute: (First make mixed number into irregular fraction if needed; then multiply)

(a) $\frac{9}{16} \cdot \frac{4}{45} =$ (b) $1\frac{7}{20} \cdot \frac{4}{27} =$ **R** (c) $3\frac{3}{7} \cdot \frac{7}{24} =$

4. Compute

S (a) $-6 - (-9) =$
(b) $-2 - (7 + 6) =$
(c) $-5 + (-4) =$
Y (d) $-3 - (-6) + (-5) =$

5. Open parenthesis and simplify

(a) $2(a - 3) - (2a - 9) =$
(b) $4y - 2(5 - y) =$
I (c) $12x - (x - 4) =$

6. Solve equations

O (a) $2(3x - 2) = 20$
(b) $-2x + 9 = -4x + 25$
T (c) $-x + 8 = -4x - 1$

7. Write fractions as decimals:

$\frac{2}{5} =$ $\frac{3}{2} =$ **I** $\frac{9}{4} =$

