

Homework 17.

1. Evaluate. Write only the answer, do all the calculations in your head.

$$0.3 \cdot 6; 8 \cdot 0.5; 0.1 \cdot 7; 0.75 \cdot 10; 2.5 \cdot 2; 4 \cdot 1.2$$

$$0.4 \cdot 0.1; 0.03 \cdot 10; 4 \cdot 2.5; 0.2 \cdot 5; 1.3 \cdot 3; 18 \cdot 0.1$$

2. Evaluate by the most convenient way:

$$a. 2 \cdot 3.8 \cdot 5; b. 2.5 \cdot 0.061 \cdot 4; c. 6.54 \cdot 0.25 \cdot 4;$$

$$d. 0.25 \cdot 0.2 \cdot 4 \cdot 5; e. 13.7 \cdot 0.2 \cdot 5; f. 1.5 \cdot 2.2 \cdot 2$$

3. Evaluate:

$$a. \frac{3.4+2.8}{0.2}; b. \frac{1.2}{1-0.4}; c. \frac{3+0.5}{3-0.5}; d. \frac{4.5-2.71}{14.6+15.4} e. \frac{0.04 \cdot 0.25}{0.9-0.88}$$

4. Simply the following expressions:

a) $2(3x-5)$

b) $.3(2x - .7)$

c) $-3(-5x + 2)$

d) $4 - (2x - 5)$

5. Evaluate:

$$1.5 : 1\frac{1}{5} - \left(1 : 6 + 1\frac{5}{9} \cdot 2 \right); \left(\text{answer is } \frac{5}{9} \right);$$