

2. (1 балл) Вычислите:  $7\frac{2}{11} \cdot 1\frac{8}{9} + 1\frac{8}{9} \cdot 1\frac{9}{11} - 18\frac{2}{5}$ .

Ответ: -1,4.

$$79/11 * 17/9 + 17/9 * 20/11 - 92/5 = -1.4$$

$$7\frac{2}{11} * 1\frac{8}{9} + 1\frac{8}{9} * 1\frac{9}{11} - 18\frac{2}{5}$$

$$7\frac{2}{11} * 1\frac{8}{9} = 79/11 * 17/9 = 1343/99$$

$$1\frac{8}{9} * 1\frac{9}{11} = 17/9 * 20/11 = 340/99$$

$$1343/99 + 340/99 = 1683/99 = 187/11 = 17\frac{1}{11}$$

$$17 - 18\frac{2}{5} = 17\frac{1}{11} - 92/5 = 85/5 - 92/5 = -7/5 = -1\frac{2}{5} = -1.4$$

Ответ -1.4