

$$\left(\frac{17^{12}}{10} - \frac{1}{20} \right) \cdot \frac{2}{15} = \left(\frac{34-1}{20} \right) \cdot \frac{2}{15} =$$

$$= \frac{33}{20} \cdot \frac{2}{15} = \frac{33 \cdot 1}{10 \cdot 15} = \frac{33}{150} = \frac{11}{50}$$