

Вычисли: а) $3,7 : \left(1\frac{2}{9} - 0,4\right)$ или

б) $2003\frac{15}{840} - 1999\frac{6}{112} + \frac{45}{1260}$

$$3,7 : \left(1\frac{2}{9} - 0,4\right) = 37/10 : \left(11/9 - 2/5\right) = 37/10 : 37/45 = 9/2$$

$$37/10 * 45/37 = 1/2 * 9/1 = 9/2$$

$$11/9 - 2/5 = 55/45 - 18/45 = 37/45$$

$$\begin{aligned} 2003\frac{15}{840} - 1999\frac{6}{112} + \frac{45}{1260} &= 2003\frac{1}{56} - 1999\frac{3}{56} + \frac{1}{28} = 2003 + \frac{1}{56} - \\ & (1999 + \frac{3}{56}) + \frac{1}{28} = 2003 + \frac{1}{56} - 1999 - \frac{3}{56} + \frac{1}{28} = 4 - \frac{2}{56} + \frac{1}{28} = 4 - \frac{1}{28} \\ & + \frac{1}{28} = 4 \end{aligned}$$