

2.66
72

$$\left(\sqrt[10]{\frac{x^7}{y^3}} - \sqrt{\frac{y}{x}} \right)^n$$

$$T_{k+1} = \binom{n}{k} \left(\frac{x^{7/10}}{y^{3/10}} \right)^{n-k} \left(-\frac{y^{1/2}}{x^{1/2}} \right)^k, \sqrt{B} \rightarrow 2k$$

1. pirmo laim y -n ir pirma x -n ir n-iesiems (2.173)

$$\begin{cases} 1 = \frac{7}{10}(n-k) - \frac{1}{2}k \\ 1 = -\frac{3}{10}(n-k) + \frac{1}{2}k \end{cases} \rightarrow$$

$$10 = 7n - 12k$$

$$10 = -3n + 8k$$

$$n = 10$$

$$k = 5$$

$$\binom{10}{5} xy (-1)^5 = -252xy : 106$$