$$\frac{4}{\sqrt{7}} = \frac{7}{\sqrt{2}+k}$$

$$\frac{7}{k^{2}+k} = \left(\frac{1}{1^{2}+1}\right) + \left(\frac{1}{2^{2}+2}\right) + \left(\frac{7}{3^{2}+3}\right) + \left(\frac{7}{4^{2}+4}\right)$$

$$= \frac{7}{2} + \frac{7}{6} + \frac{7}{72} + \frac{7}{20}$$

$$= \frac{30}{10} + \frac{10}{10} + \frac{5}{60} + \frac{3}{10}$$

$$= \frac{48}{60} = \frac{4}{5}$$

$$\frac{7}{3} \left( \frac{8^{14} 5^{13}}{3^{14} 4^{13}} = \frac{32}{72} + \frac{75}{72} = \frac{47}{72} \right)$$

$$\frac{5x^{3}}{8} - \frac{x^{8}}{3} = \frac{75x}{24} - \frac{8x}{24} = \frac{7x}{24}$$

$$\left(\frac{2^{14}}{n} - \frac{9}{4n} - \frac{9}{4n} - \frac{9}{4n} - \frac{77}{4n}\right)$$

$$\frac{5}{7} : \frac{5}{74} = \frac{17}{7}, \frac{27}{5} = \frac{22}{5}$$

$$() \frac{a}{3c} : \frac{5b}{9c} = \frac{a}{3c} \cdot \frac{3c}{5b} = \frac{3ac}{5bc}$$