

$$\begin{aligned}
 \textcircled{171} \quad \frac{\sqrt{5} - \sqrt{6}}{\sqrt{3}} &= \frac{\sqrt{3}(\sqrt{5} - \sqrt{6})}{\sqrt{3} \times \sqrt{3}} \\
 &\stackrel{\text{まず有理化を}}{=} \frac{\sqrt{15} - \sqrt{18}}{3} \\
 &= \frac{\sqrt{15} - \sqrt{3 \times 3 \times 2}}{3} \\
 &= \frac{\sqrt{15} - 3\sqrt{2}}{3} \quad \#
 \end{aligned}$$

← 3を約分したら
1/x

ちなみに...

$$\frac{2x - 3}{3} \rightarrow 1/x.$$

$$\frac{2 \boxed{6}x - \boxed{3}}{\boxed{3}} \rightarrow \text{約分OK.} \\
 \text{全員同じ数で割れる時のみ}$$