$$\frac{4 \text{ v}}{\text{v}^2 - 9} + \frac{\text{v} + 6}{2 \text{ v} - 6}$$

$$\frac{\text{v}^2 - 10 \text{ v} + 18}{\text{v}^2 - 9}$$

أجد ناتج ما يأتي واكتبه في أبسط صورة: 2٠

$$\frac{v^2 + 8 v + 6}{v^2 - 9}$$

$$\frac{v^2 + 17 v + 18}{2 v^2 - 18}$$

$$\frac{v^2 + 9 v + 6}{v^2 + 9 v + 6}$$

$$\frac{4 \text{ v}}{\text{v}^2-9} + \frac{\text{v}+6}{2 \text{ v}-6} = \frac{4 \text{ v}}{(\text{v}-3) (\text{v}+3)} + \frac{\text{v}+6}{2 (\text{v}-3)}$$

$$=\frac{2}{2(v-$$

$$= \frac{2(4 \text{ V})}{2(\text{V}-3)(\text{V}+3)} + \frac{(\text{V}+6)(\text{V}+3)}{2(\text{V}-3)(\text{V}+3)}$$

$$= 8 \text{ V} \qquad \text{V}^2 + 9 \text{ V} + 18$$

$$= \frac{8 \text{ v}}{2 (\text{v}-3) (\text{v}+3)} + \frac{\text{v}^2 + 9 \text{ v} + 18}{2 (\text{v}-3) (\text{v}+3)}$$

$$= \frac{8 \text{ V} + \text{V}^2 + 9 \text{ V} + 18}{2 \text{ V} + 2 \text{ V} + 2 \text{ V}}$$

$$= \frac{8 \, v + v^2 + 9 \, v + 18}{2 \, (v - 3) \, (v + 3)}$$

$$= \frac{3\sqrt{+}\sqrt{+}3\sqrt{+}13}{2(\sqrt{-}3)(\sqrt{+}3)}$$
$$= \frac{\sqrt{2}+17\sqrt{+}18}{2\sqrt{2}-18}$$