30/10/2020

943
$$\frac{1}{2}(x-\sqrt{2}) + \frac{x+\sqrt{2}}{\sqrt{2}} = \frac{\sqrt{2}-1}{\sqrt{2}+1}$$
 [7 $\sqrt{2}$ - 10]

$$\frac{\sqrt{2}(\sqrt{2}+1)(x-\sqrt{2})}{2\sqrt{2}(\sqrt{2}+1)} + 2(\sqrt{2}+1)(x+\sqrt{2}) = 2\sqrt{2}(\sqrt{2}-1)$$

$$= 2\sqrt{2}(\sqrt{2}+1)$$

$$\sqrt{2}(\sqrt{2}\times-2+\times-\sqrt{2})+2(\sqrt{2}\times+2+\times+\sqrt{2})=4-2\sqrt{2}$$

$$2x - 2\sqrt{2} + \sqrt{2}x - 2 + 2\sqrt{2}x + 4 + 2x + 2\sqrt{2} = 4 - 2\sqrt{2}$$

$$2 \times + \sqrt{2} \times + 2\sqrt{2} \times + 2 \times = 2 - 2\sqrt{2}$$

$$4 \times + 3\sqrt{2} \times = 2 - 2\sqrt{2}$$

$$\times (4+3\sqrt{2}) = 2-2\sqrt{2}$$

$$= \frac{20 - 14\sqrt{2}}{-2} = \frac{-2(7\sqrt{2} - 10)}{-2} = \frac{7\sqrt{2} - 10}{-2}$$

$$\frac{1}{x - \sqrt{5}} + \frac{1}{x + \sqrt{5}} = \frac{2}{x^2 - 5}$$

$$(x + \sqrt{5})(x - \sqrt{5})$$

$$(x + \sqrt{5})(x + \sqrt{5})$$

$$2 + \sqrt{5} + x - \sqrt{5}$$

$$2 + \sqrt{5} + \sqrt{5} + \sqrt{5}$$

$$2 + \sqrt{5} + \sqrt{5} + \sqrt{5}$$

$$2 + \sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5}$$

$$3 + \sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5}$$

$$4 + \sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5}$$

$$4 + \sqrt{5} + x - \sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5}$$

$$4 + \sqrt{5} + x - \sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5}$$

$$4 + \sqrt{5} + x - \sqrt{5} + \sqrt{5} + \sqrt{5} + \sqrt{5}$$

$$4 + \sqrt{5} + x - \sqrt{5} + \sqrt{5$$