

$$\frac{\text{مردج}}{\text{باق دلائل}} \rightarrow \frac{r^2 + r - 1}{d + v - rv} \times \frac{rv}{1} = \frac{r}{d} \times \frac{rv}{1} = \frac{1}{r}$$

9

$$\frac{\text{مردج}}{\text{باق دلائل}} \rightarrow \frac{r^2 + \sqrt{r} - 1}{r - 1} \times \frac{r}{r} = \frac{r(\sqrt{r} + \frac{1}{r})}{\sqrt{r} + 1} \times \frac{r}{r} = \frac{\sqrt{r} + r}{r} \times \frac{r}{r} = \frac{r + 1}{r}$$

7

$$\rightarrow \frac{(1 + \cos a)(1 - \cos a + \cos^2 a)}{1 - \cos^2 a} = \frac{1 - \cos a + \cos^2 a}{1 - \cos a} = \frac{r}{r}$$

1

$$\rightarrow \frac{\frac{\cos a}{\cos a} - \frac{\sin a}{\cos a}}{\sin a - \cos a} = \frac{\frac{\cos a - \sin a}{\cos a}}{\sin a - \cos a} = \frac{-1}{\cos a} = -\sqrt{r}$$

9

$$\rightarrow \frac{\frac{\sin^2 a}{\cos^2 a} - \frac{\cos^2 a}{\cos^2 a}}{\cos^2 a - \sin^2 a} = \frac{-1}{\cos^2 a} = -\sqrt{r}$$

10