

نظم سوره

1A1A

الف) $\frac{17}{18} \times \frac{18}{18} = \frac{17}{18}$

5

ب) $\frac{125}{18} \times \frac{18}{18} = \frac{125}{18}$

ج) $\frac{8}{12} \times \frac{18}{18} = \frac{8}{12}$

د) $\frac{4}{9} \times \frac{18}{18} = \frac{4}{9}$

9

$\frac{17}{18} \times \frac{18}{18} = \frac{17}{18}$

$17, 18 \div 18 = 1$

$18 \div 18 = 1$

$18 \div 18 = 1$

$\frac{17}{18} \times \frac{18}{18} = \frac{17}{18}$

9

الف) $\cos 90^\circ = \sin 0^\circ$ $\sin 90^\circ = \cos 0^\circ$

$-1 + 1 = 0$

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

$\frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} + \frac{\sqrt{2}}{\sqrt{2}} = \frac{\sqrt{2}}{\sqrt{2}} = \sin \theta = \frac{1}{2}$

$\sin \theta = \frac{1}{2}$
 $\theta = 30^\circ$

$\tan 30^\circ = \frac{1}{\sqrt{3}}$

$\frac{1}{\sqrt{2}} (1 - \frac{1}{\sqrt{2}}) = \frac{1}{\sqrt{2}} \times \frac{\sqrt{2}-1}{\sqrt{2}} = \frac{\sqrt{2}-1}{2} = \tan \theta$

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

Subject: _____
Date: _____

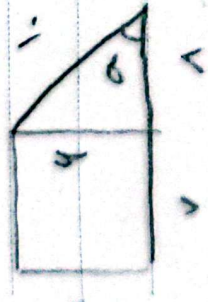
$$\tan \theta = \sqrt{r} \quad \text{Rad. } \theta = \frac{\pi}{2}, \frac{\pi}{4}$$

2

$$\frac{1}{\cos} (r \sin \theta - \cos \theta) \quad \frac{10-1}{5-2}$$

2

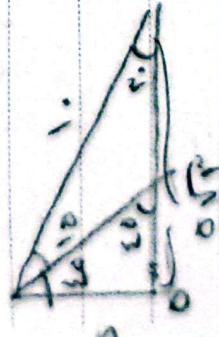
$$10 \times 10 + 10 = 110$$



اعبار داری

2

$$\sin \theta = \frac{BD}{r} = \frac{\sqrt{r}}{r} = \frac{1}{\sqrt{r}}$$



$$\sin \theta = \frac{1}{r} \quad AB = \delta \quad CB = \delta \sqrt{r} \quad \delta = \delta (\sqrt{r} - 1)$$

الاصول

cos

الف

2

$$\sin \theta = \frac{1}{\sqrt{r}} \quad \sin \theta = \frac{1}{\sqrt{r}} \quad \cot \theta = \frac{1}{\sin \theta} = \sqrt{r}$$