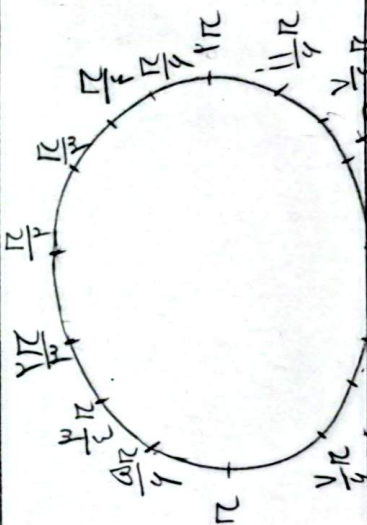
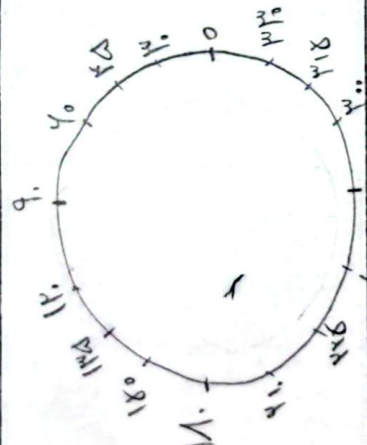


|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| نام و نام خانوادگی ..... با سبزه تشریحی تکلیف شماره ..... کلاس .....                                                                                                                                                                                                    | <p>۱</p> $f = \{(1, 4\alpha), (2, 3\alpha)\}$ $f_\alpha = \alpha^2 + 3\alpha$ $\Rightarrow \alpha^2 - 4\alpha + 3 \rightarrow (\alpha - 3)(\alpha - 1)$ $\alpha = 1, 3$ <p>۲</p> $f_\alpha = \alpha^2 + 3\alpha$ $\Rightarrow \alpha^2 - 4\alpha + 3 \rightarrow (\alpha - 3)(\alpha - 1)$ $\alpha = 1, 3$ |
| <p>۳</p> $ y  =  x  \rightarrow y = \pm x$ <p>۴</p> $ y-1  = \sqrt{x-2} \rightarrow y = 1 \pm \sqrt{x-2}$ <p>۵</p> $y^2 - y = \frac{x^2}{4} \rightarrow 4y^2 - 4y = x^2$ $\sin^2 y + \cos^2 y = 1 \rightarrow 0 + \cos^2 y = 1 \rightarrow \cos y = \pm 1$ $y = 0, \pi$ | <p>۱</p> $ y  =  x  \rightarrow y = \pm x$ <p>۲</p> $ y-1  = \sqrt{x-2} \rightarrow y = 1 \pm \sqrt{x-2}$ <p>۳</p> $y^2 - y = \frac{x^2}{4} \rightarrow 4y^2 - 4y = x^2$ $\sin^2 y + \cos^2 y = 1 \rightarrow 0 + \cos^2 y = 1 \rightarrow \cos y = \pm 1$ $y = 0, \pi$                                    |
| <p>۴</p> $ y^2 +  y-1   = 4x \rightarrow x^2 - 4x =  y-1 $ $\rightarrow  y-1  = 4 \rightarrow y = 5, -3$ <p>۵</p> $y^2 + 3x = 0 \rightarrow y^2 = -3x$ $\Rightarrow y = \pm \sqrt{-3x}$                                                                                 | <p>۱</p> $ y  =  x  \rightarrow y = \pm x$ <p>۲</p> $ y-1  = \sqrt{x-2} \rightarrow y = 1 \pm \sqrt{x-2}$ <p>۳</p> $y^2 - y = \frac{x^2}{4} \rightarrow 4y^2 - 4y = x^2$ $\sin^2 y + \cos^2 y = 1 \rightarrow 0 + \cos^2 y = 1 \rightarrow \cos y = \pm 1$ $y = 0, \pi$                                    |

|                                                                                                                                                                                                                                                                |                                                                                                |                                                                                                |                                                                                                                                                                                                  |                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <p>1.</p> <p><math>\frac{1}{p} - \frac{1}{p} \sin \frac{1}{11} \pi = -\frac{1}{p}</math></p> <p>2. <math>\cos \frac{5}{11} \pi = \frac{1}{p}</math></p> <p>3. <math>\sin 18^\circ = \frac{1}{p}</math></p> <p>4. <math>\cos 18^\circ = -\frac{1}{p}</math></p> | <p>2.</p>  | <p>3.</p>  | <p>4.</p> <p><math>y = \sqrt{x+2}</math></p> <p>5. <math>y = \sqrt{-x}</math></p> <p>6. <math>y = \sqrt{x}</math></p> <p>7. <math>y = -\sqrt{x}</math></p> <p>8. <math>y = \sqrt{x+1}</math></p> | <p>9.</p> <p>10. <math>y = (x+1)^2</math></p> <p>11. <math>y = (x-1)^2</math></p> <p>12. <math>y = (x-1)^2</math></p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|