

$$\textcircled{5} \quad \text{تقى} = 6 \quad \text{تقى} \in \text{ربع الرابع} \quad \text{و} \quad \cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و} \quad \sin(\theta) = \frac{\sqrt{37}}{6} \approx 0.9986 \quad \text{و}$$

$$\text{أو } \cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و} \quad \sin(\theta) = \frac{\sqrt{37}}{6} \approx 0.9986 \quad \text{و}$$

$$\textcircled{6} \quad \text{تقى} = -\sqrt{37} \approx -6.08 \quad \text{و}$$

$$x^{-1} \rightarrow \text{shift} \rightarrow \cos \rightarrow = \quad \text{الرقم} +$$

$$0.80 \approx \boxed{17.372105} \quad \text{و}$$

$$\textcircled{7} \quad \text{تقى} > 0 \quad \text{تقى} \in \text{ربع } \textcircled{5} \quad \text{و}$$

$$\cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\text{أو } \cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

\boxed{8} حلية على سالمكارلت الدستية: (متربأ الناتج إلى منزلة عشرية عما لزم الامر ك $\frac{6}{\sqrt{37}}$). ≈ 0.80

$$\textcircled{8} \quad \text{تقى} = 0.80 \quad \text{و}$$

$$\text{shift} \rightarrow \sin \rightarrow = \quad \text{الرقم} = \boxed{0.531201} \quad \text{و}$$

$$0.531201 \approx 0.5312 \quad \text{و}$$

$$\textcircled{9} \quad \text{تقى} \in \text{ربع } \textcircled{5} \quad \text{و}$$

$$\cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\textcircled{10} \quad \text{تقى} = \theta + 180^\circ \quad \text{و}$$

$$180^\circ - \frac{\theta}{10} = \text{تقى} \quad \text{و}$$

$$180^\circ - \frac{\theta}{10} = \text{تقى} \quad \text{و}$$

$$\text{shift} \rightarrow \tan \rightarrow = \quad \text{الرقم} = \boxed{28.724} \quad \text{و}$$

$$\textcircled{11} \quad \text{تقى} \in \text{ربع } \textcircled{5} \quad \text{و}$$

$$\cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\text{أو } \cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\textcircled{12} \quad \text{تقى} = 10 + \theta \quad \text{و}$$

$$10 + \theta = \text{تقى} \quad \text{و}$$

$$\text{shift} \rightarrow x^{-1} \rightarrow \text{shift} \rightarrow \sin \rightarrow = \quad \text{الرقم} +$$

$$10 \approx \boxed{17.4076} \quad \text{و}$$

$$\textcircled{13} \quad \text{تقى} > 0 \quad \text{تقى} \in \text{ربع } \textcircled{5} \quad \text{و}$$

$$10 + \theta = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\textcircled{14} \quad \text{تقى} = 10 + \theta \quad \text{و}$$

$$\textcircled{15} \quad \text{نسبة كل مائة} (\text{متربأ الناتج إلى أربع ملايين}). \quad \text{و}$$

$$0.9986 \approx \boxed{9986} \quad \text{و}$$

$$\sin \rightarrow = \quad \text{الرقم} =$$

$$\textcircled{16} \quad \text{جنا} = \frac{1}{\sqrt{37}} \approx 0.17 \quad \text{و}$$

$$\cos \rightarrow = \quad \text{دوق} = \boxed{0.80} \quad \text{و}$$

$$\textcircled{17} \quad \text{ظا} = \frac{6}{\sqrt{37}} \approx 0.7427 \quad \text{و}$$

$$\text{tan} \rightarrow = \quad \text{دود} = \boxed{24} \quad \text{و}$$

$$\textcircled{18} \quad \text{قا} = 0.3057 \approx \boxed{30.57} \quad \text{و}$$

$$\cos \rightarrow = \quad x^{-1} \rightarrow = \quad \text{الرقم} =$$

$$\textcircled{19} \quad \text{قتا} = 0.820047 \approx \boxed{82.0047} \quad \text{و}$$

$$\sin \rightarrow = \quad x^{-1} \rightarrow = \quad \text{الرقم} =$$

$$\textcircled{20} \quad \text{طنا} = \frac{1}{\sqrt{37}} \approx 0.233 \quad \text{و}$$

$$\text{tan} \rightarrow = \quad \text{الرقم} = x^{-1} =$$

$$\textcircled{21} \quad \text{قياس الزاوية } \theta \text{ بالدرجات} (\text{متربأ الناتج إلى قليلة عشرة واحدة}). \quad \text{و}$$

$$0.569 \approx \boxed{34.6722} \quad \text{و}$$

$$\text{shift} \rightarrow \sin \rightarrow = \quad \text{الرقم} =$$

$$\boxed{0.531201} \approx$$

$$\boxed{0.5312} \approx$$

$$\textcircled{22} \quad \text{تقى} < 0 \quad \text{و}$$

$$\textcircled{23} \quad \cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\textcircled{24} \quad \cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\textcircled{25} \quad \text{جنا} = 0.5870 \quad \text{و}$$

$$\text{shift} \rightarrow \cos \rightarrow = \quad \text{الرقم} +$$

$$\boxed{0.949971} \approx$$

$$\textcircled{26} \quad \text{تقى} > 0 \quad \text{و}$$

$$\textcircled{27} \quad \text{تقى} \in \text{ربع } \textcircled{5} \quad \text{و}$$

$$\textcircled{28} \quad \cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\textcircled{29} \quad \cos(\theta) = \frac{6}{\sqrt{37}} \approx 0.80 \quad \text{و}$$

$$\textcircled{30} \quad \text{تقى} = 0.530 \quad \text{و}$$

$$\text{shift} \rightarrow \sin \rightarrow =$$

١٤- جـ مـ اـ زـ

تابع رقم

إعداد: ٢٠٢٣-٢٠٢٤ باخر.

١١١٧: بـ

١٣- جـ مـ اـ زـ

$$\textcircled{1}: \therefore \text{جـ} < 0 \Leftarrow 6 \text{ تقع في الربع } ① \text{ و } ④$$

$$\therefore \text{قـ} = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$3.37 = 0.57 - 0.70 = (\hat{\theta}) \quad \therefore = 13 - 6 \text{ جـ}$$

$$13 = 6 \text{ جـ}$$

$$931 \approx 616 \Leftarrow \frac{13}{13} = 6 \text{ جـ}$$

shift $\rightarrow \sin \rightarrow \theta =$

$$67.383073$$

$$67.3 \approx$$

$$\textcircled{2}: \therefore \text{جـ} < 0 \Leftarrow 6 \text{ تقع في الربع } ① \text{ و } ④$$

$$\therefore \text{قـ} = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$1154 = 97 - 18 = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$\therefore = 13 - 6 \text{ جـ} \quad \textcircled{1}$$

$$6 = 6 \text{ جـ}$$

$$\frac{1}{\cos} \times \frac{6}{6} = \frac{1}{\cos}$$

لتقطع سـ جـ بـ بعد بـ طـ في المـاـدـلـةـ يـ حـاـكـ بـ

$$\cos \times \frac{6}{6} = \frac{1}{\cos} \times \frac{6}{6}$$

$$\frac{6}{6} \times 1 = 1 = \frac{6}{6} \times \frac{6}{6} \Leftarrow \text{جـ} = 6 \text{ جـ}$$

shift $\rightarrow \cos \rightarrow \theta =$

$$66.42188 \approx$$

$$\textcircled{3}: \therefore \text{جـ} < 0 \Leftarrow 6 \text{ تقع في الربع } ① \text{ و } ④$$

$$\therefore \text{قـ} = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$2927 = 98 - 37 = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

تابع تمرين ٣

$$11 = 6 \text{ طـ} \quad \textcircled{5}$$

$$6.71 = \frac{11}{6} = 8 \text{ طـ}$$

shift $\rightarrow \tan \rightarrow \theta =$

$$7.17893 \approx$$

$$\therefore \text{طـ} > 0 \Leftarrow 6 \text{ تقع في الربع } ① \text{ و } ③$$

$$74.18 = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$7 = 6 - 1 \text{ طـ} \quad \textcircled{6}$$

$$6.286 \approx$$

shift $\rightarrow \sin^{-1} x \rightarrow \theta =$

$$66.80141$$

$$66.8 \approx$$

$$\therefore \text{طـ} < 0 \Leftarrow 6 \text{ تقع في الربع } ② \text{ و } ④$$

$$66.8 + 18 = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$84.8 =$$

$$\frac{8}{6} = 6 + 6 \text{ جـ} \quad \textcircled{7}$$

$$6.80 = \text{جـ}$$

shift $\rightarrow \cos \rightarrow \theta =$

$$67.9708 \approx$$

$$\therefore \text{جـ} < 0 \Leftarrow 6 \text{ تقع في الربع } ③ \text{ و } ④$$

$$112 = 98 - 18 = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$64.8 = 98 + 18 = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$13 = 13 - 6 \text{ جـ} \quad \textcircled{8}$$

$$6.143 = 13 = 6 \text{ جـ}$$

shift $\rightarrow \cos^{-1} x \rightarrow \theta =$

$$64.3 \approx$$

$$\therefore \text{جـ} < 0 \Leftarrow 6 \text{ تقع في الربع } ① \text{ و } ④$$

$$64.3 = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$2.057 = 90 - 87.9 = (\hat{\theta}) \quad \text{أو قـ} = (\hat{\theta})$$

$$0 = 6 \text{ جـ} \quad \textcircled{9}$$

$$90000 \approx 0 = 6 \text{ جـ}$$

shift $\rightarrow \cos \rightarrow \theta =$

$$67.501.1 \approx$$