

Chapter 5

Solving Trigonometric Equations



Fig. 5-1: Solving trigonometric equations graphically, step 2 illustrated.

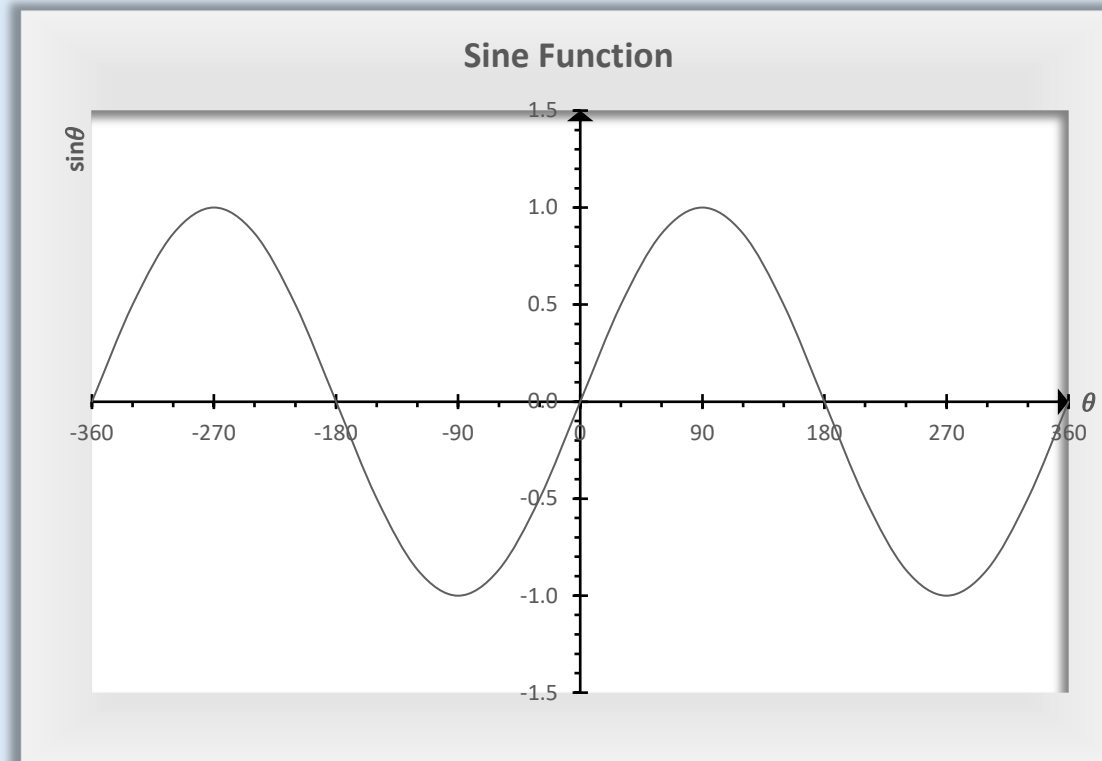


Fig. 5-2: Solving trigonometric equations graphically, step 3 illustrated.

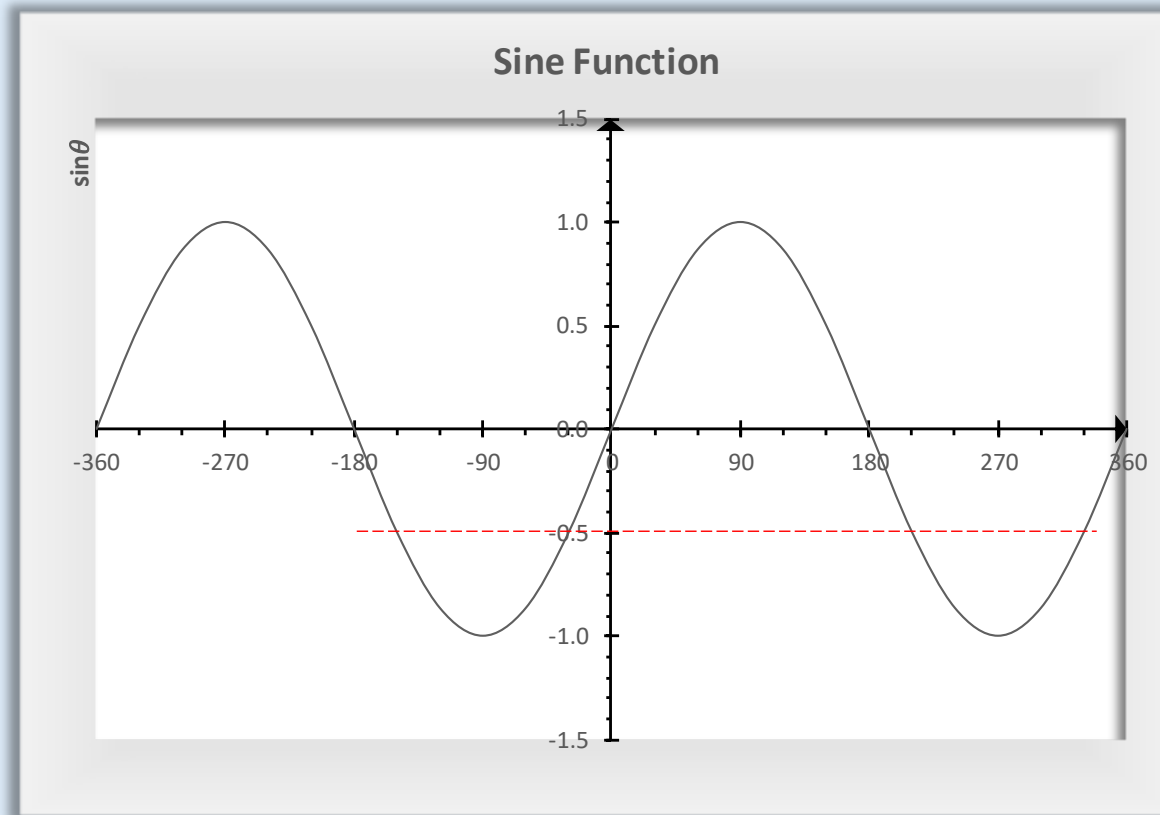


Fig. 5-3: Solving trigonometric equations graphically, step 4 illustrated.

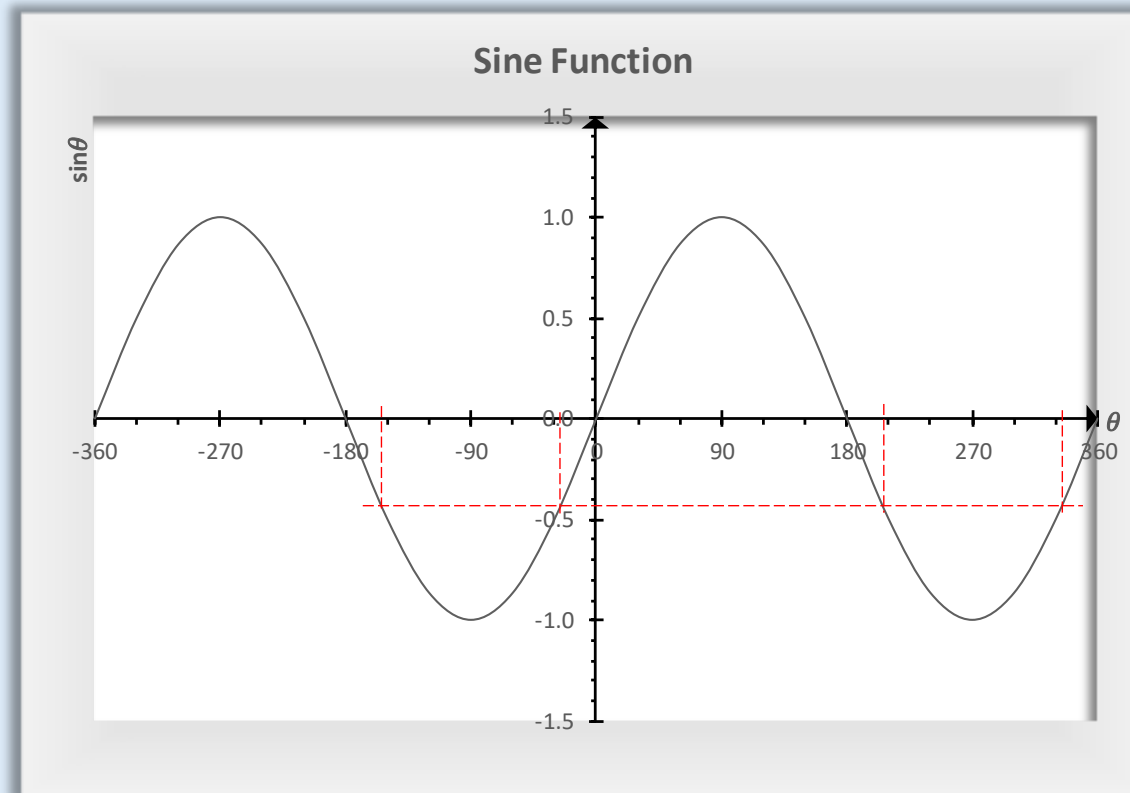


Fig. 5-4: Solving trigonometric equations using CAST diagram, step 2 illustrated.

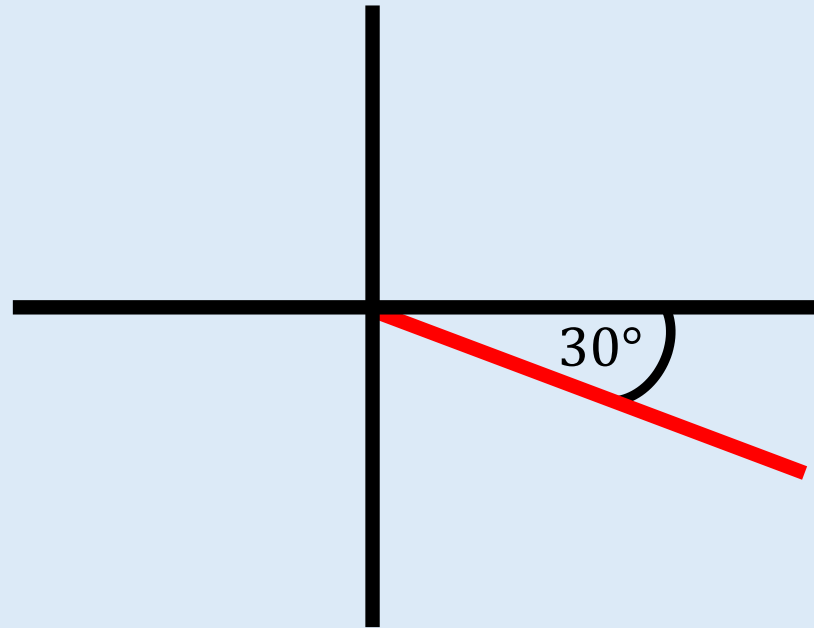


Fig. 5-5: Solving trigonometric equations using CAST diagram, step 3 illustrated.

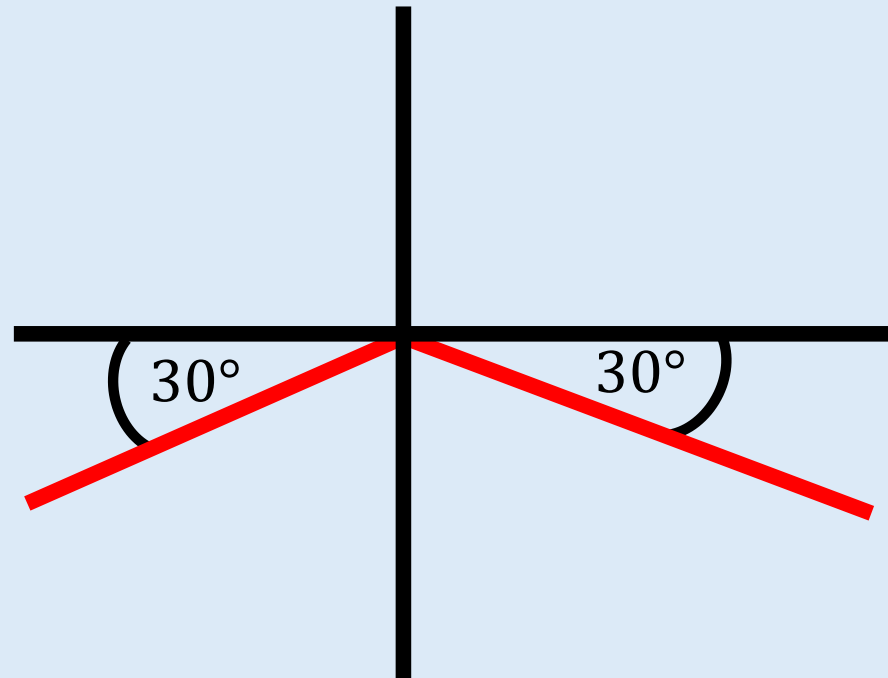


Fig. 5-6: Solving trigonometric equations using CAST diagram, step 4 illustrated.

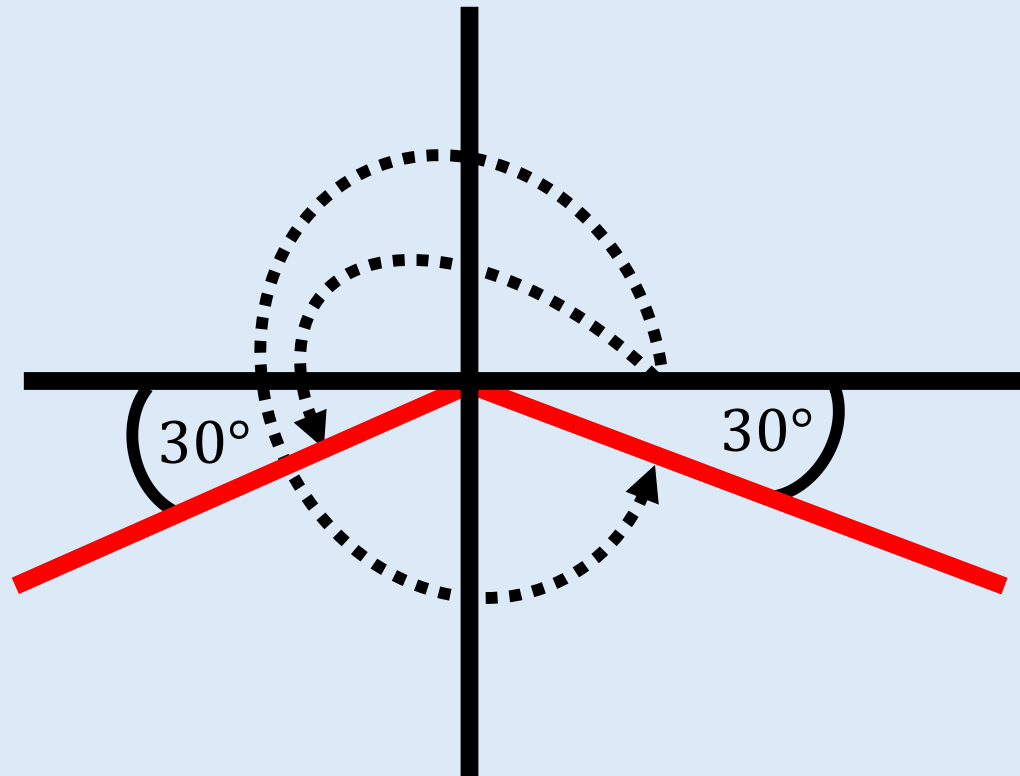


Fig. 5-7: Solution to Example 1(b).

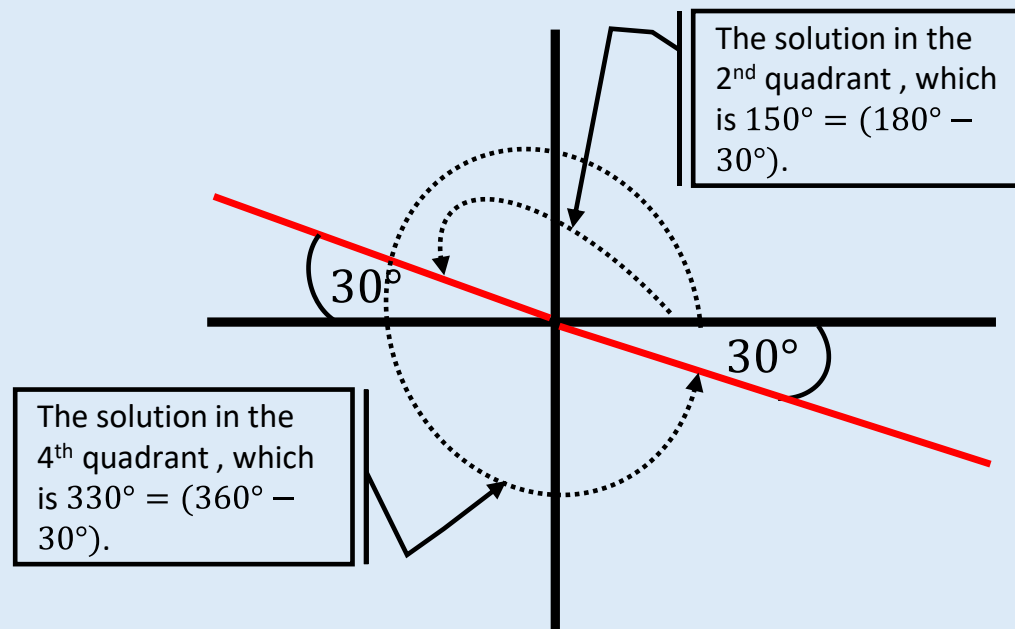


Fig. 5-8: Solution to Example 1(c) – Part I.

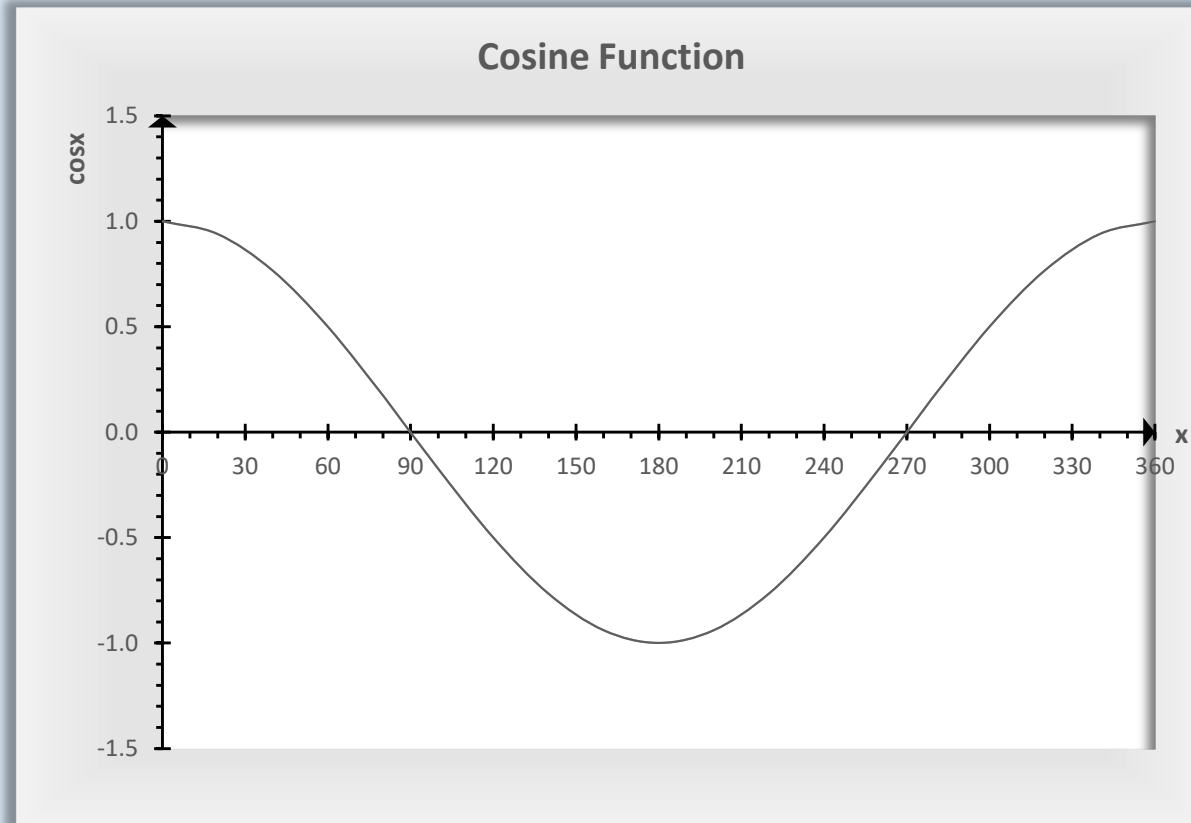


Fig. 5-9: Solution to Example 1(c) – Part II.

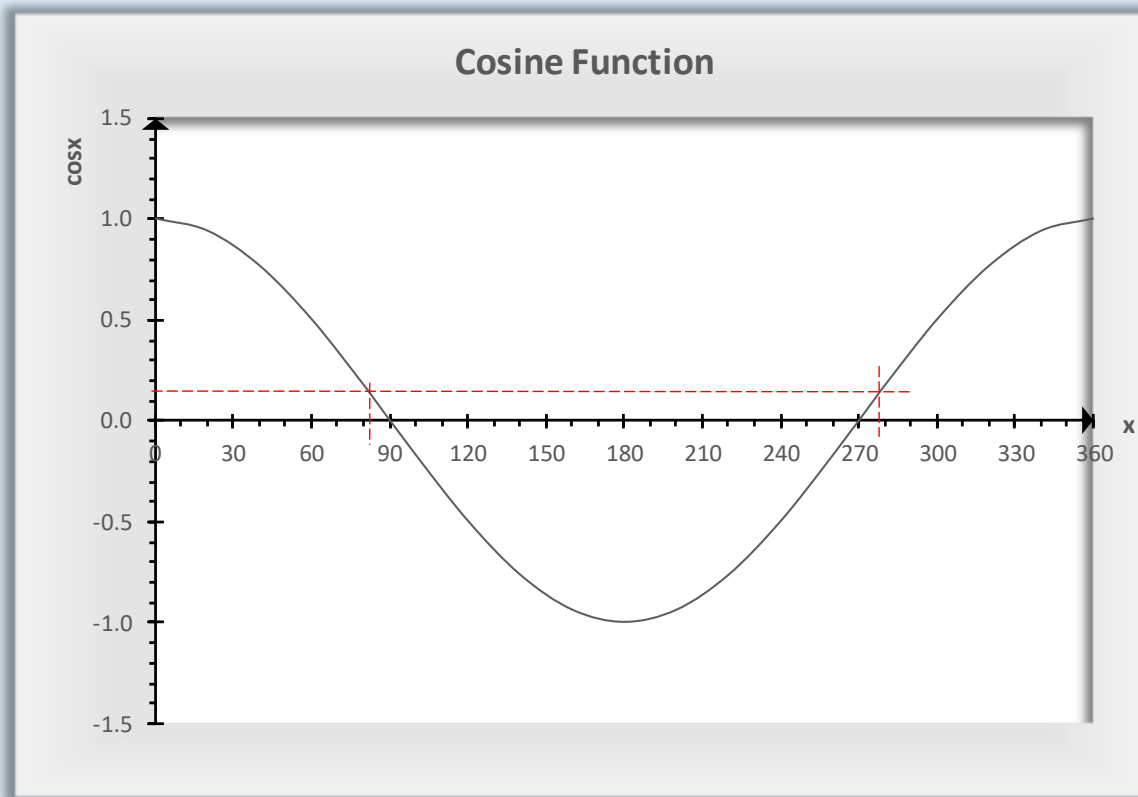


Fig. 5-10: Solution to Example 2(a) – Part I.

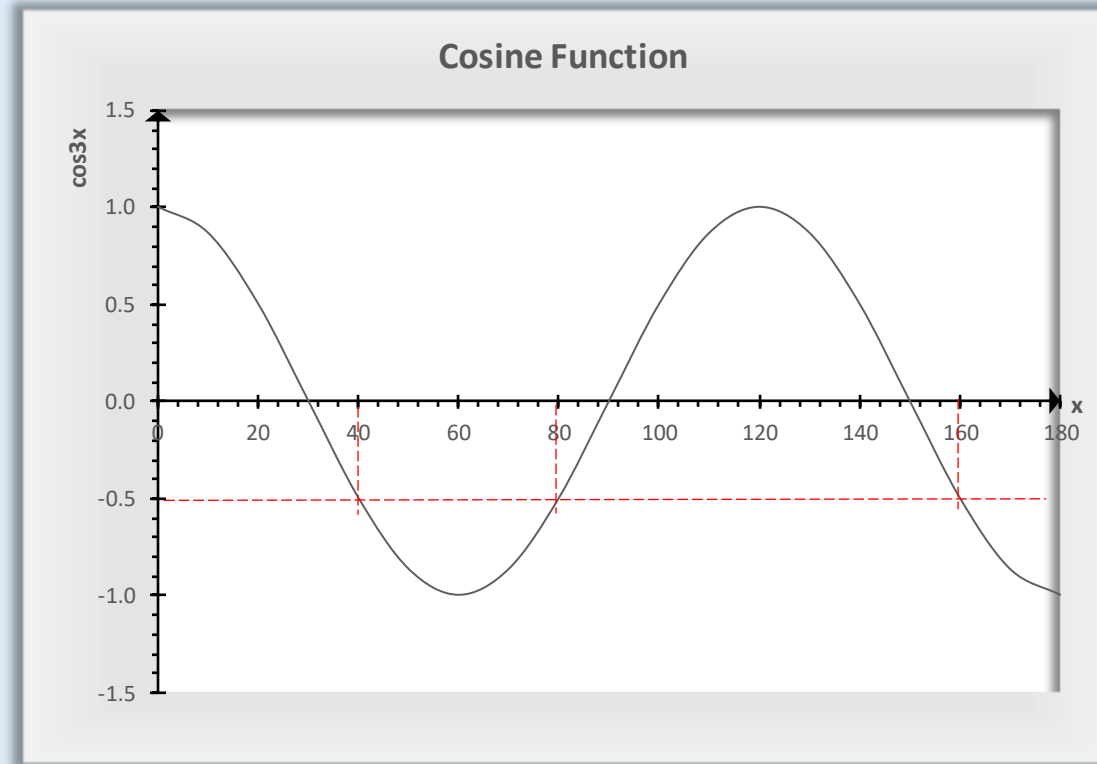


Fig. 5-11: Solution to Example 2(a) – Part II.

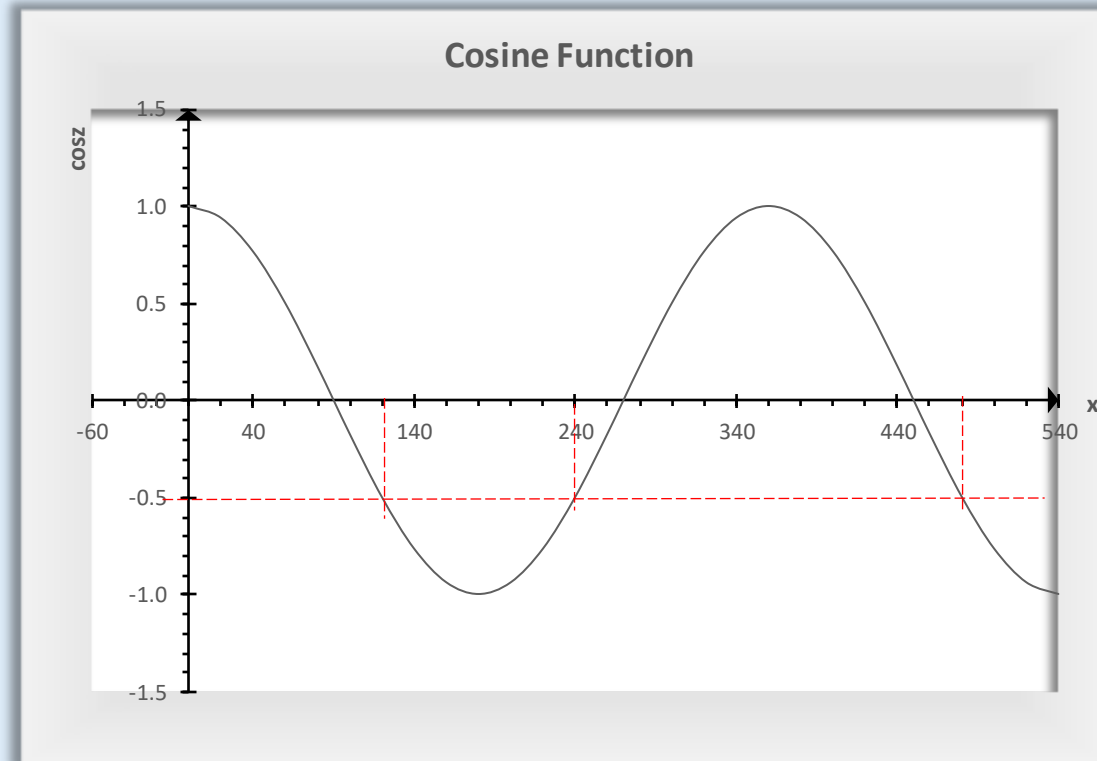


Fig. 5-12: Solution to Example 2(b).

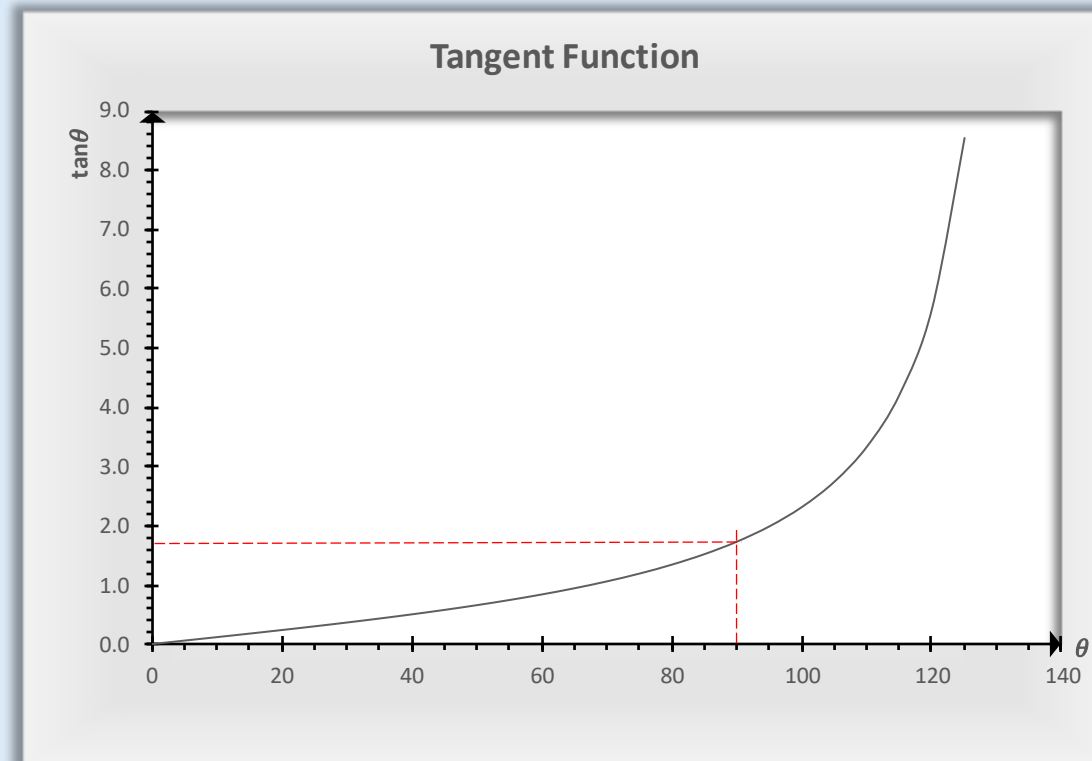


Fig. 5-13: Solution to Example 3.

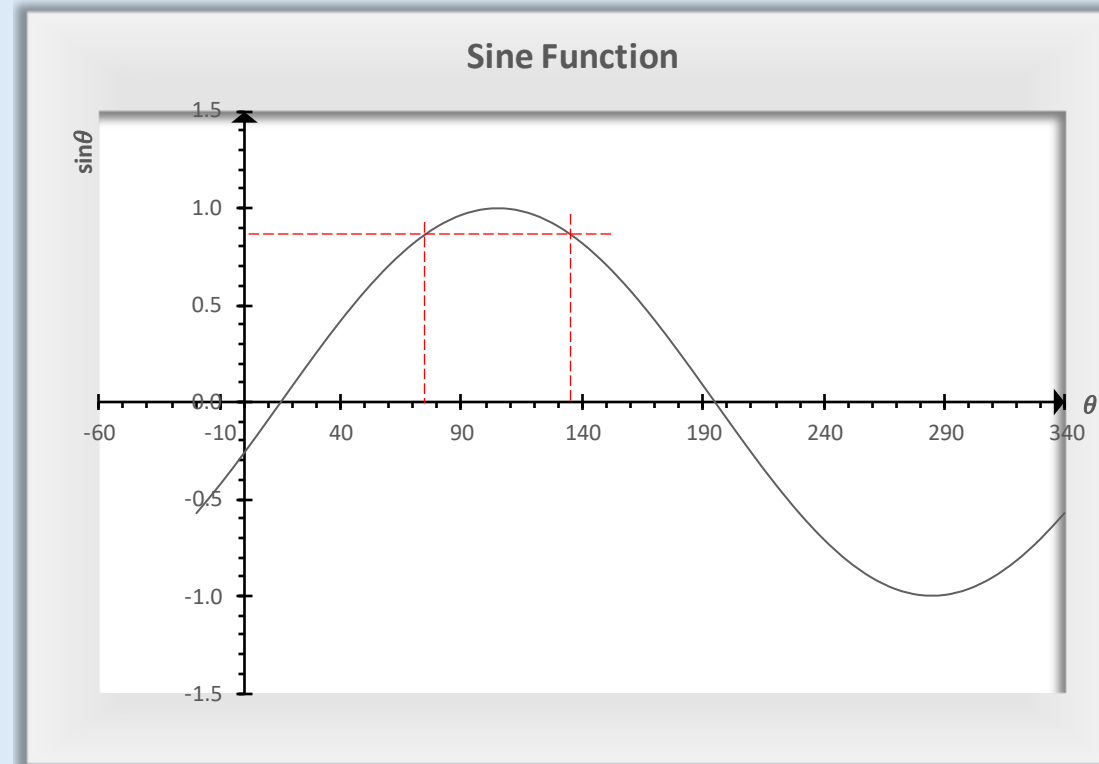


Fig. 5-14: Solution to Example 4(a).

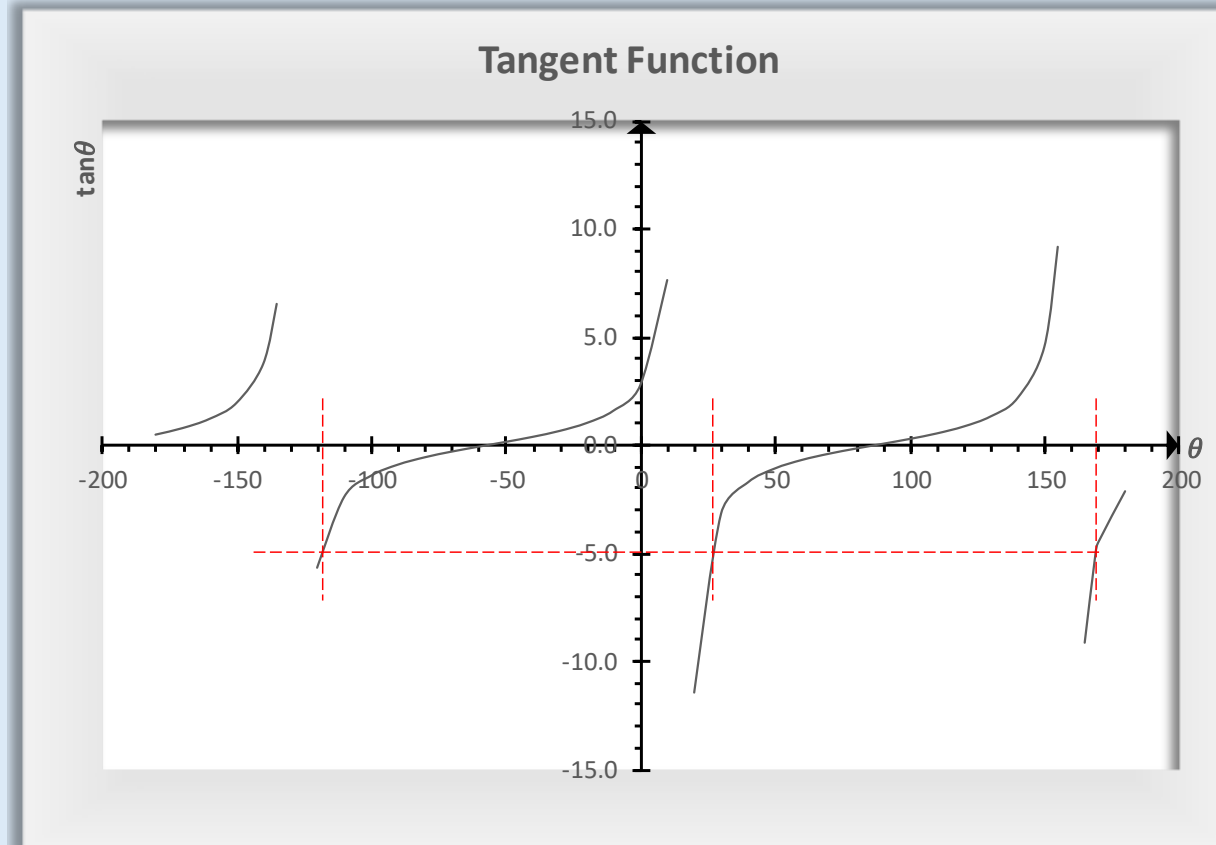


Fig. 5-15: Solution to Example 4(b) – Part I.

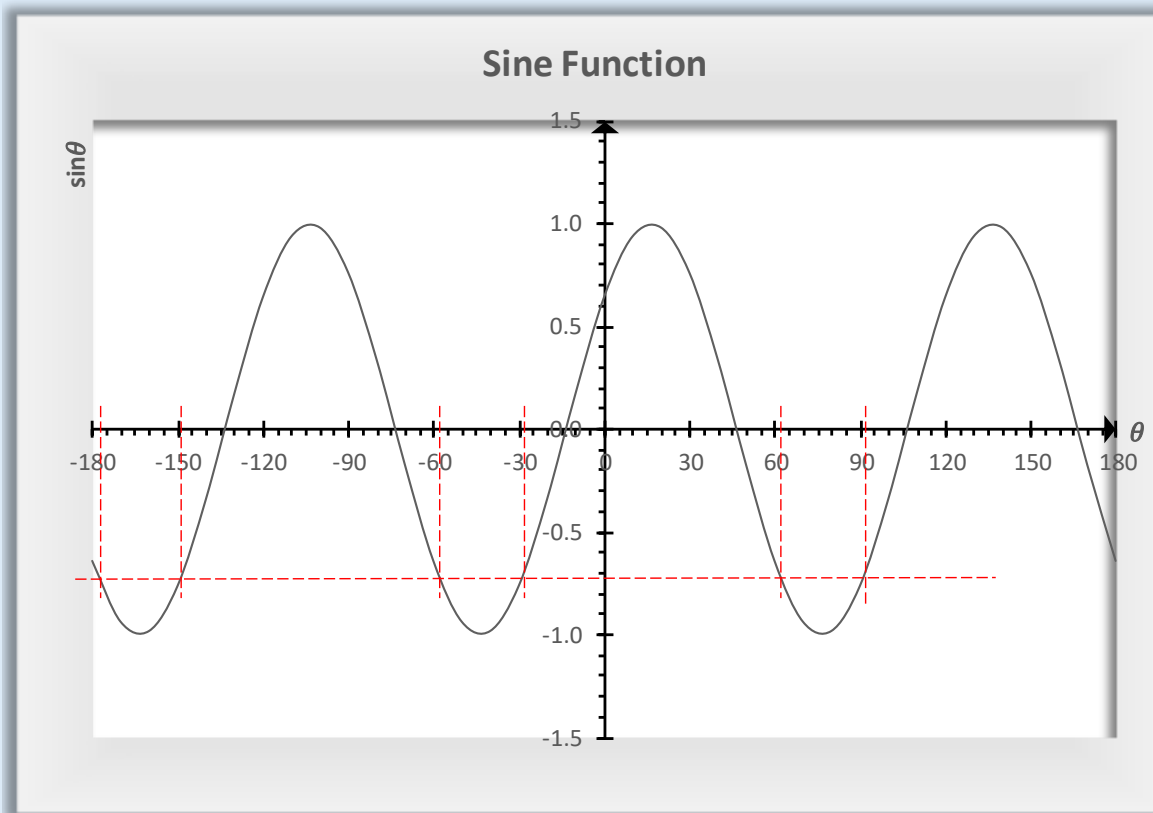


Fig. 5-16: Solution to Example 4(b) – Part II.

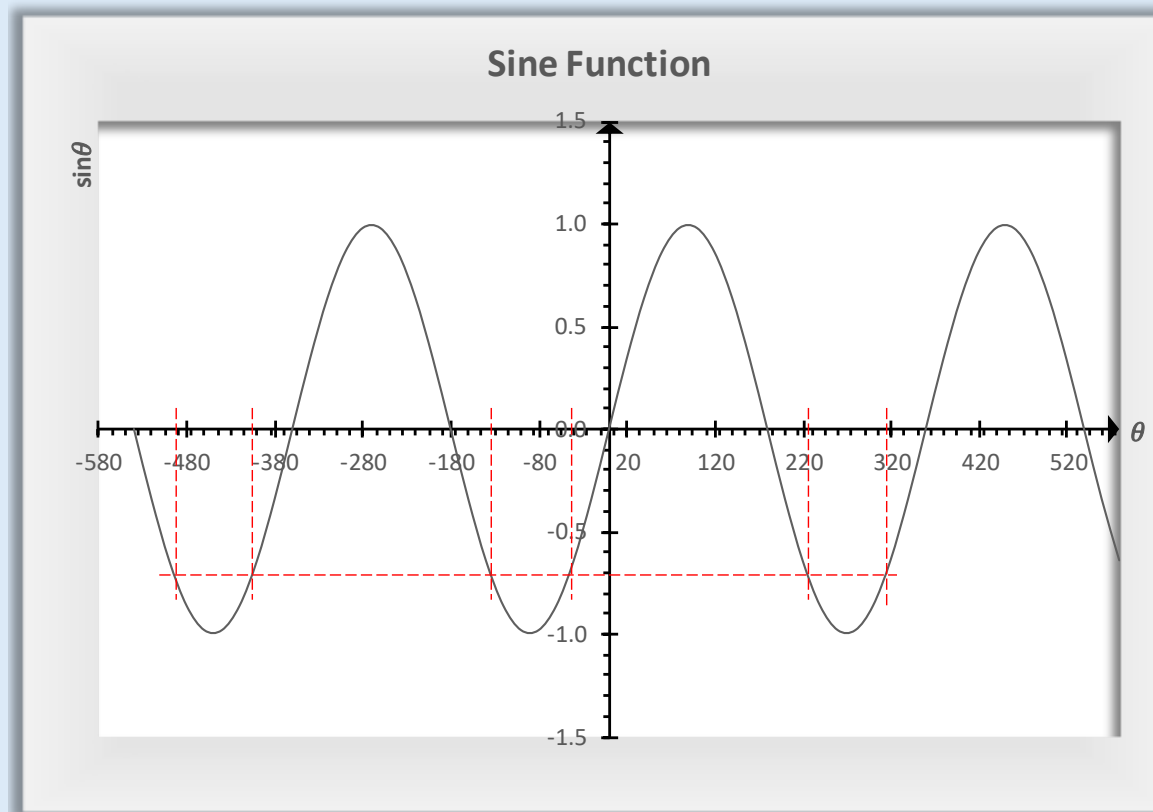


Fig. 5-17: Solution to Example 7(b).

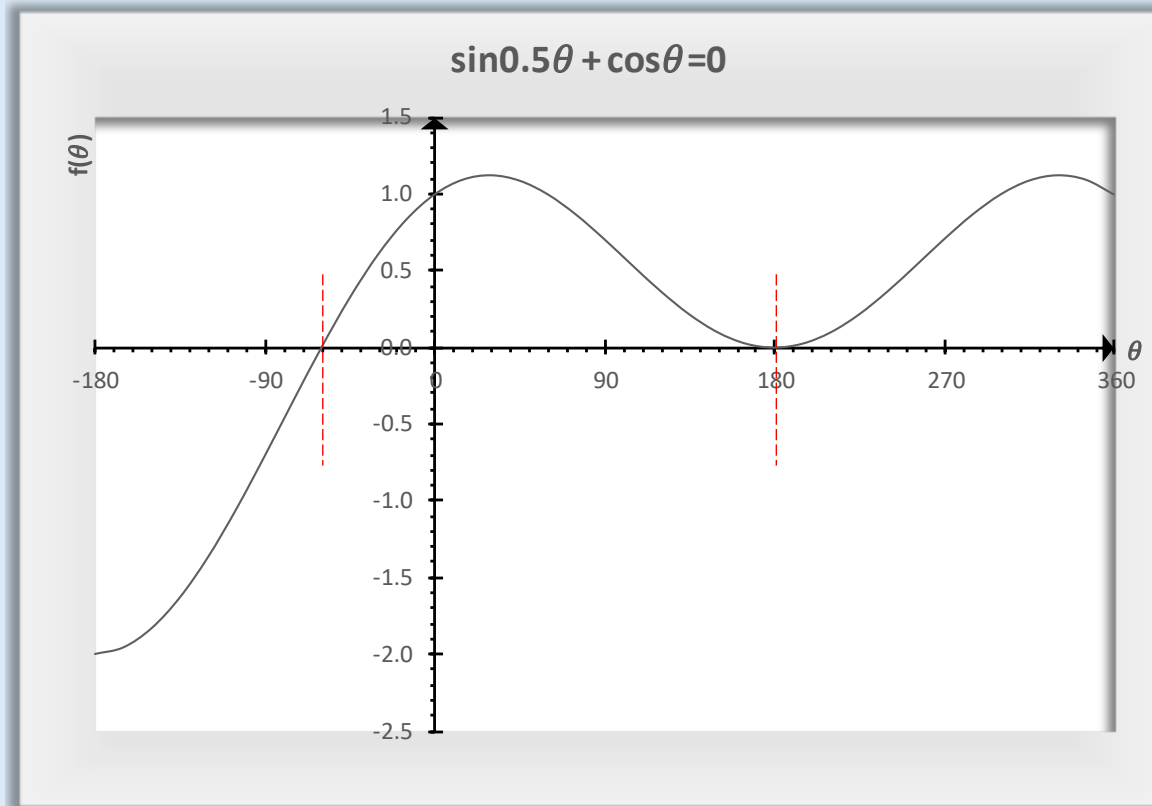


Fig. 5-18: Solution to Example 7(c).

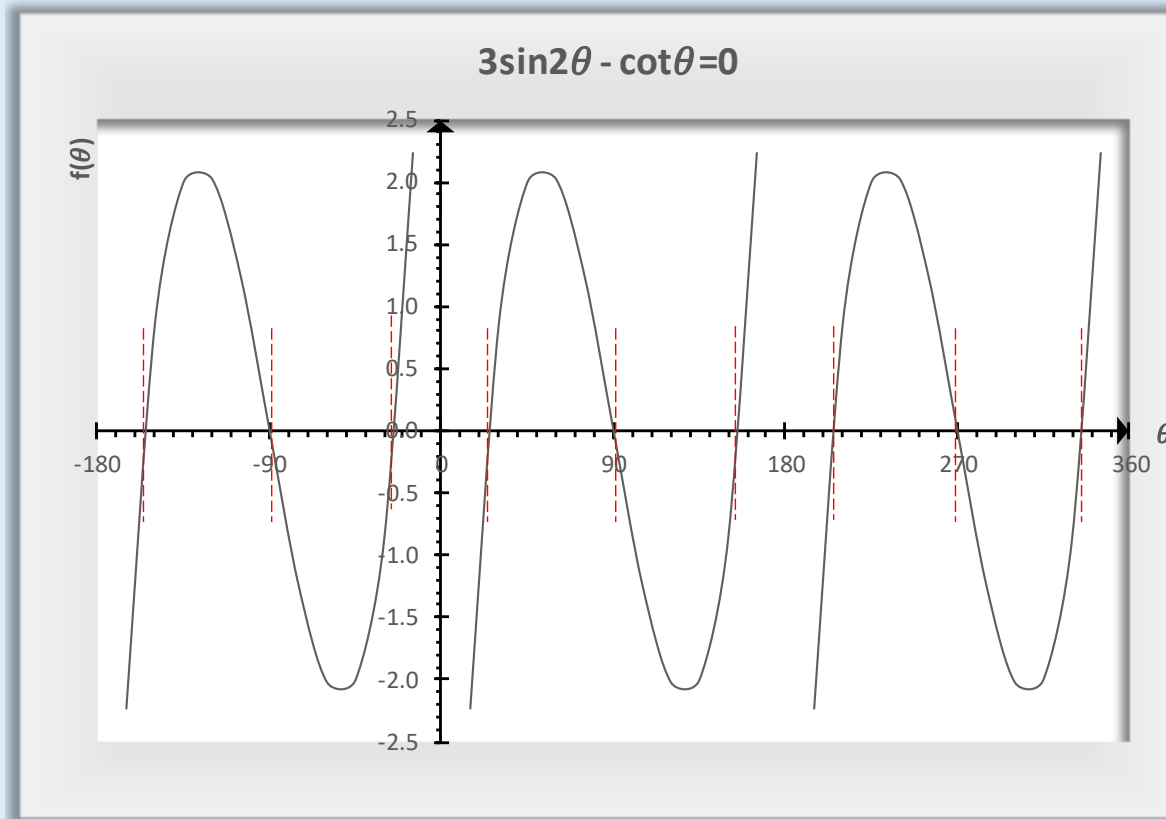


Fig. 5-19: Solution to Example 7(d).

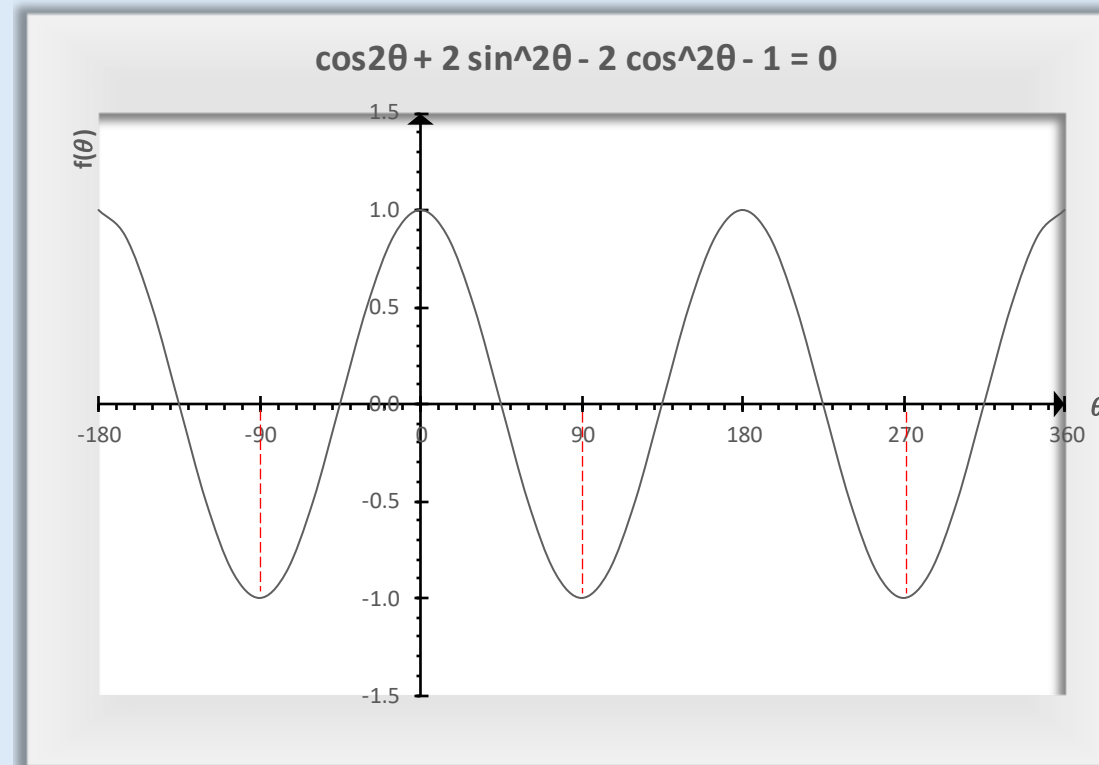


Fig. 5-20: Solution to Example 7(e).

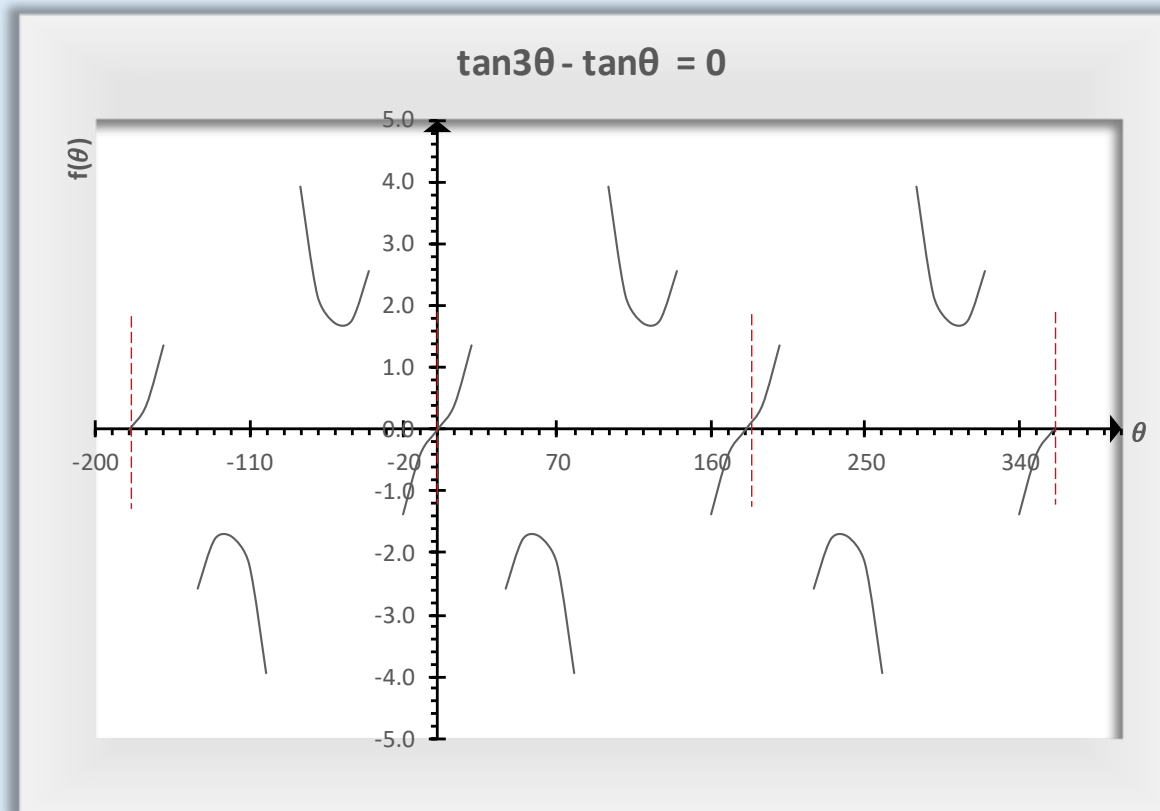


Fig. 5-21: Solution to Example 7(f).

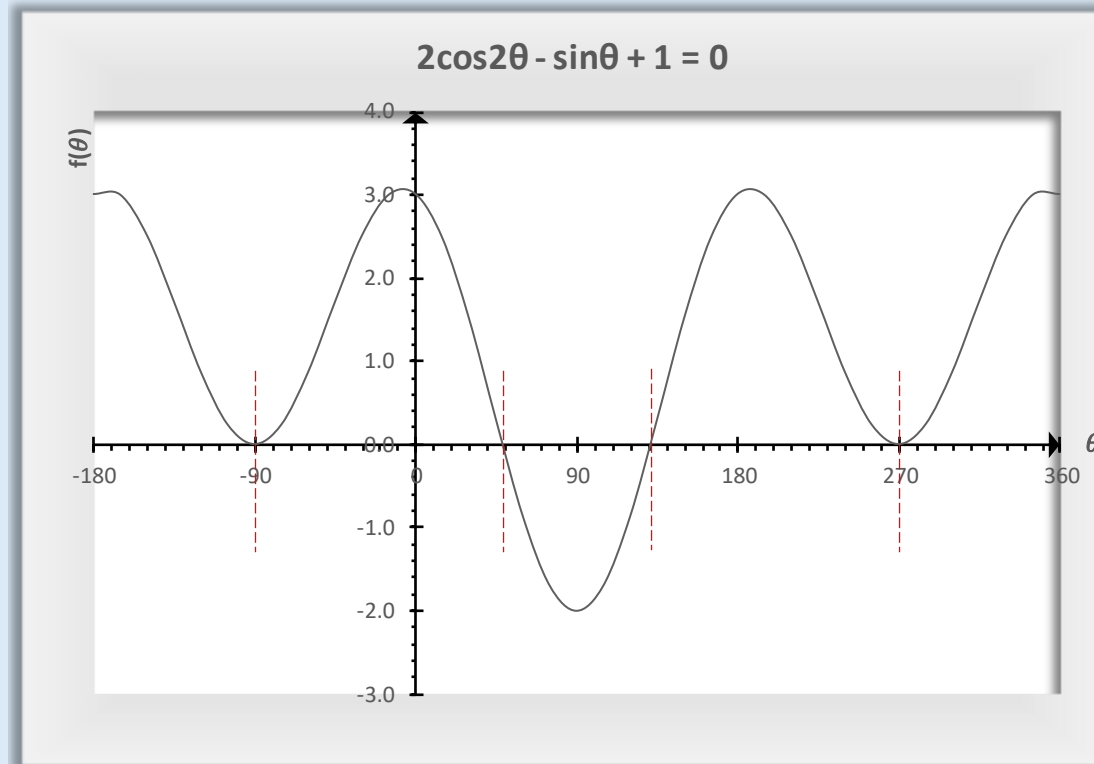


Fig. 5-22: Solution to Example 8(a).

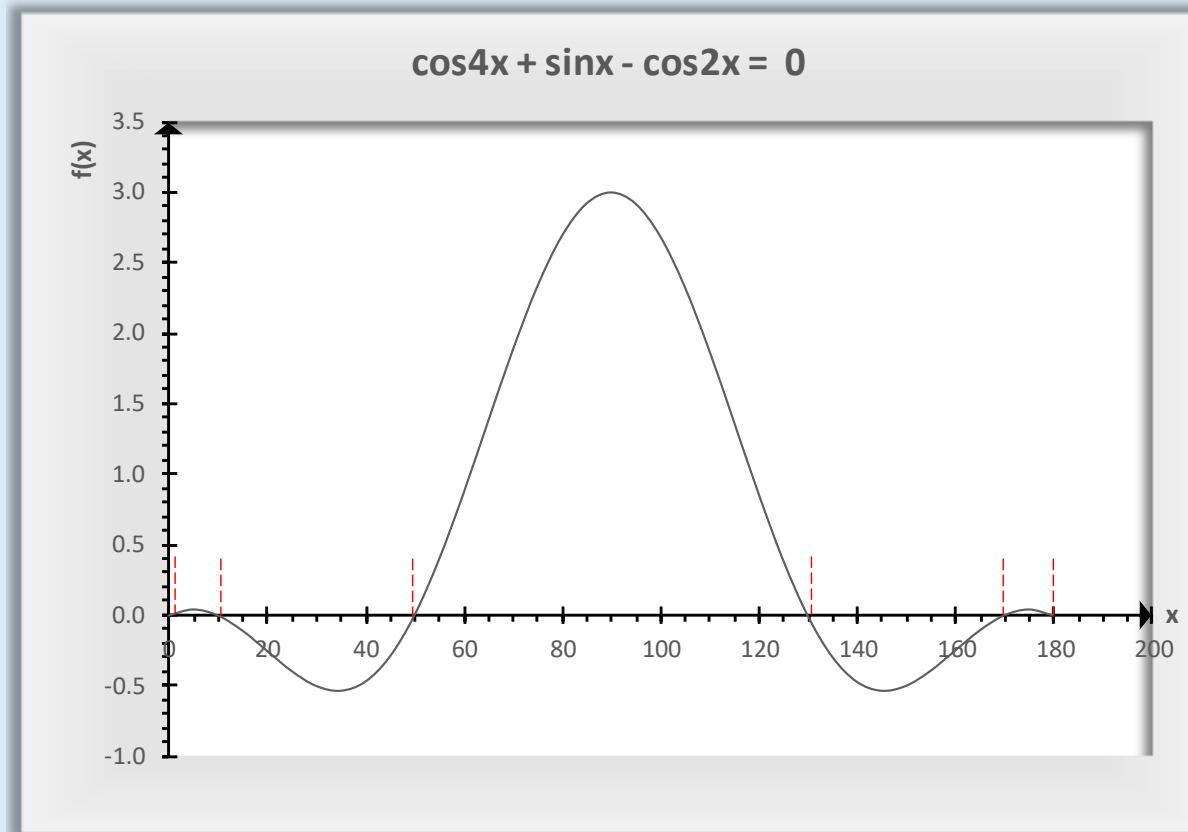


Fig. 5-23: Solution to Example 8(b).

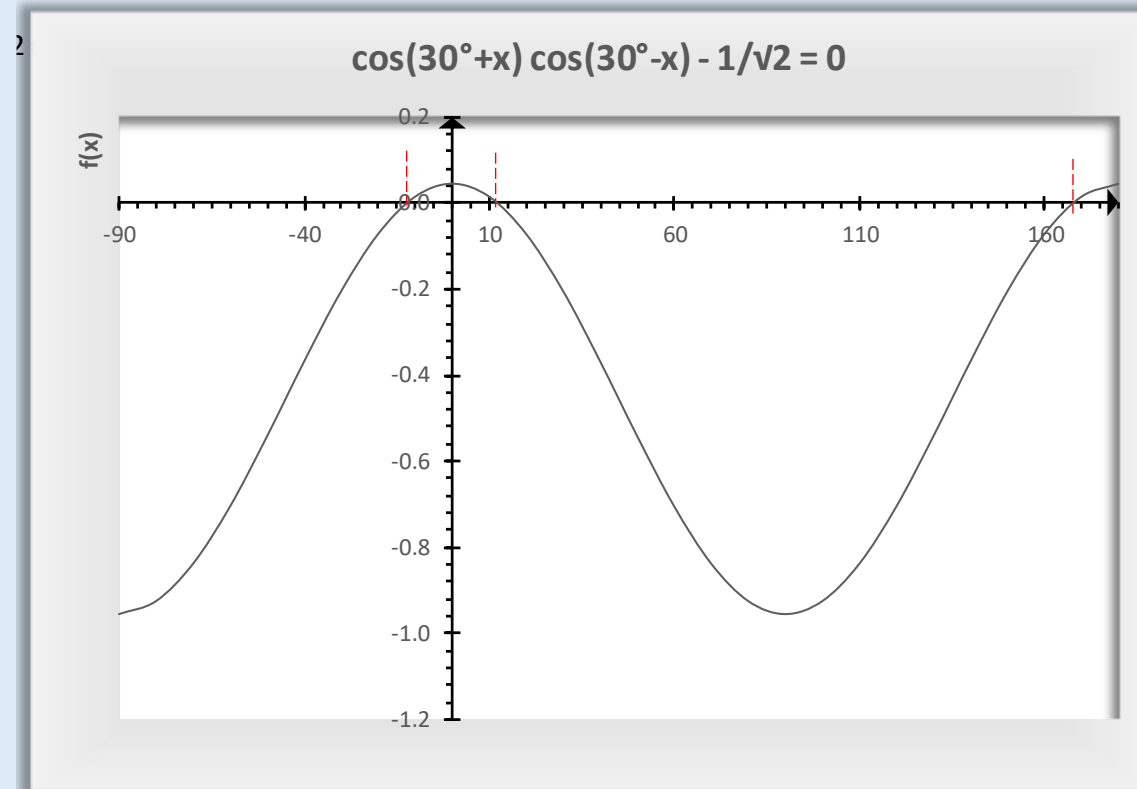


Fig. 5-24: Solution to Example 9(a).

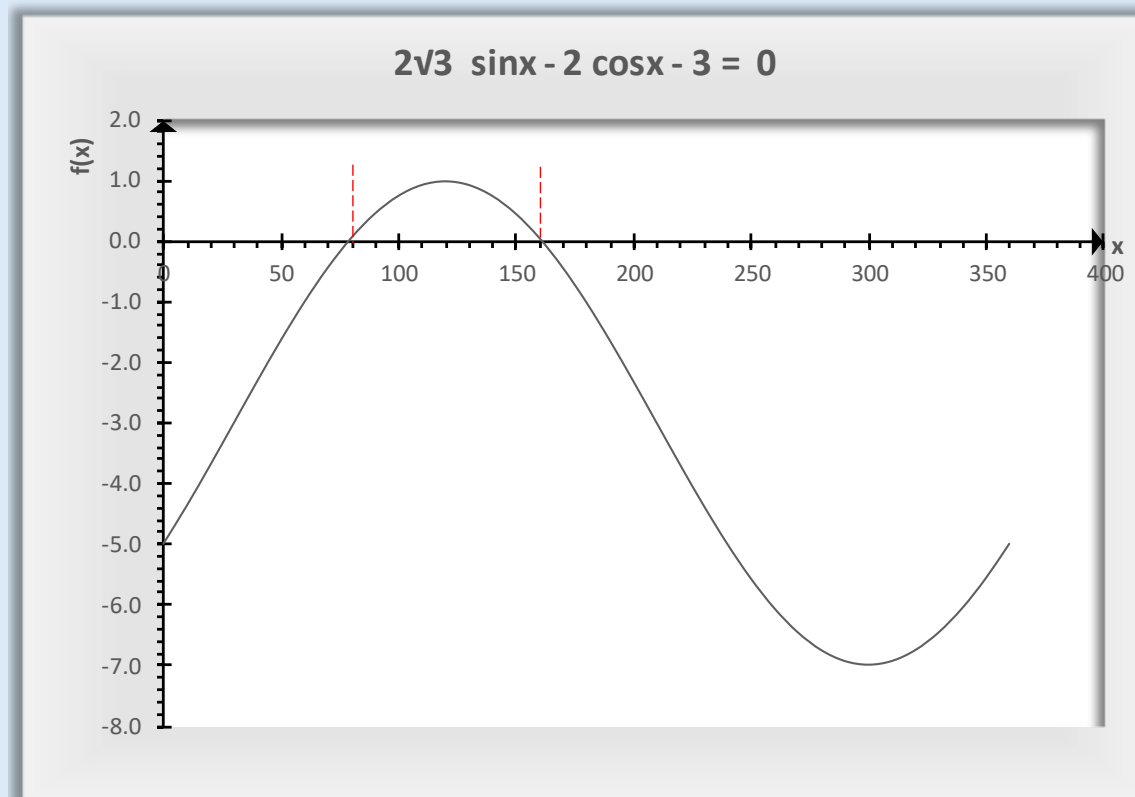
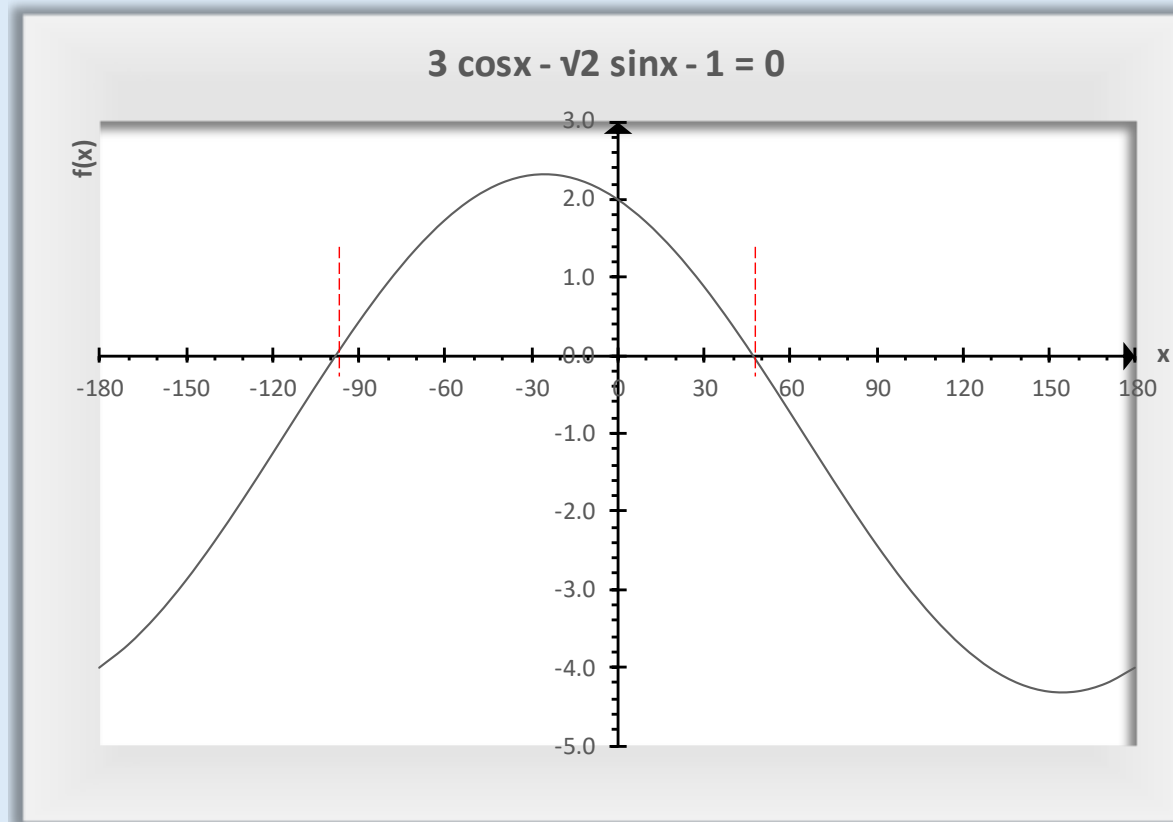


Fig. 5-25: Solution to Example 9(b).



Thank You

