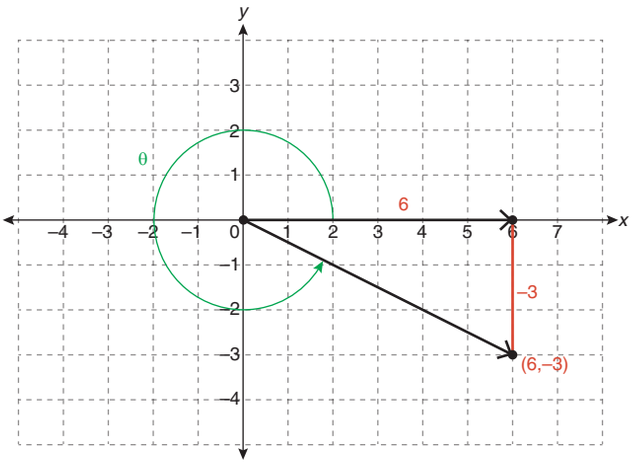
Lesson 4.2: Primary Trigonometric Ratios

Complete the *Practice* below. When you have completed all the questions for *Lesson 4.2 Practice – II* with your best work, mark your work by first comparing your answers to the solutions provided in *Appendix 2: Solutions*. Then, apply the rubric found at the beginning of the *Workbook*.

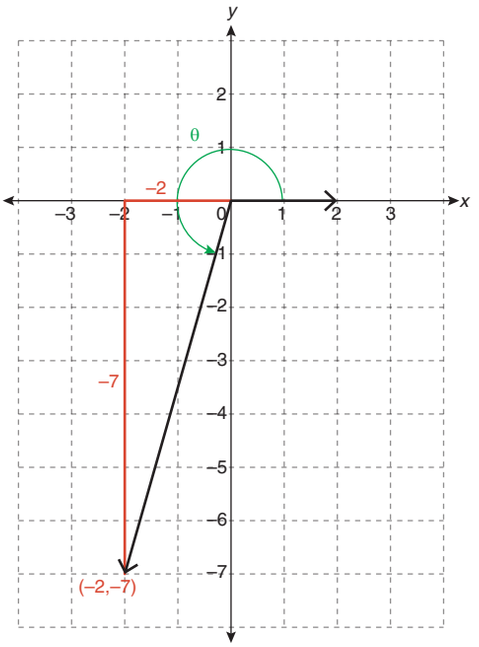
Practice – II

1. Given the following points that lie on the terminal arm of an angle θ in standard position, determine the **exact** trigonometric ratios for sin θ, cos θ, and tan θ.

   a. (6, –3)

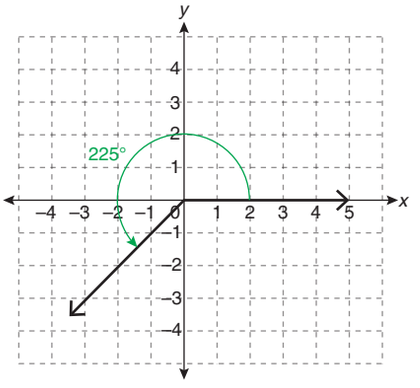


b. (–2, –7)

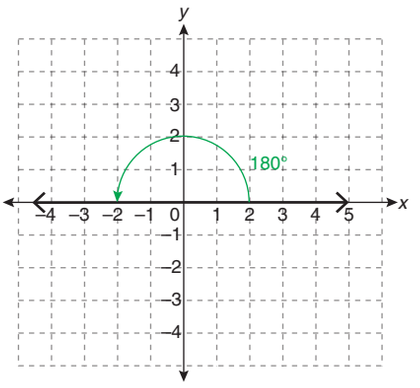


2. Determine the exact values of the trigonometric ratios for each angle.

a.



b.



3. Without using a calculator, determine whether each ratio is positive or negative.

   a. sin 150°

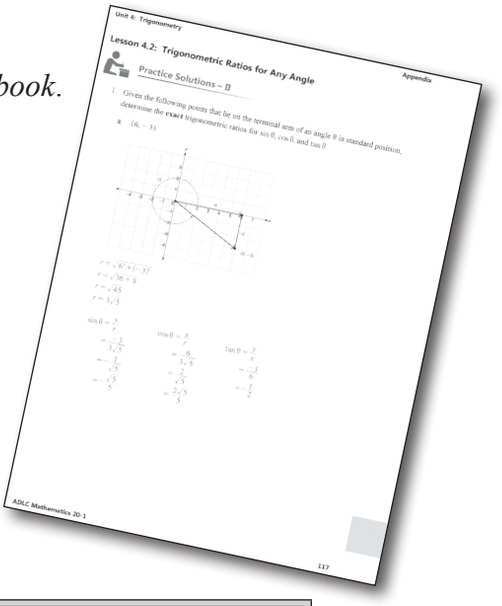
   b. cos 315°

   c. tan 115°

Mark your work for *Lesson 4.2 Practice – II* using the solutions provided in *Appendix 2: Solutions*. Then, apply the rubric found at the beginning of the *Workbook*.

Transfer your self-assessed mark to the front cover of the *Workbook*.

My self-assessed mark on *Lesson 4.2 Practice – II* is _____.


Unit 4: Trigonometry

Lesson 4.2: Trigonometric Ratios for Any Angle

Appendix

Practice Solutions – II

1. Given the following points that lie on the terminal arm of an angle θ in standard position, determine the exact trigonometric ratios for $\sin\theta$, $\cos\theta$, and $\tan\theta$

a. $(6, -3)$

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Reflect on your understanding of the concepts addressed in the *Practice* exercises in the table provided.

Question Number	Got it!	Almost there…	Need to retry or ask for help.	Similar questions from ***Pre-Calculus 11***
1				p. 96 #3ac, 5ac
2				p. 96 #2, 19
3				p. 96 #4ac, 6, 18ace

Please return to *Lesson 4.2* to continue your work in *Unit 4: Trigonometry*.