

Exercise 1 Identifying Quadrants

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| 1.1) III | 1.2) II | 1.3) IV | 1.4) III |
| 1.5) IV | 1.6) IV | 1.7) II | 1.8) III |
| 1.9) II | 1.10) I | | |

- 2.1) $\cos 115^\circ \rightarrow 2^{\text{nd}}$ Quadrant $\therefore$ negative
2.2) $\tan 150^\circ \rightarrow \text{II}$ $\therefore$ negative
2.3) $\cos(-40^\circ) \rightarrow \text{IV}$ $\therefore$ positive
2.4) $\sin(-30^\circ) \rightarrow \text{IV}$ $\therefore$ negative
2.5) $\tan(-170^\circ) \rightarrow \text{III}$ $\therefore$ positive
2.6) $\sin 200^\circ \rightarrow \text{III}$ $\therefore$ negative
2.7) $\cos 330^\circ \rightarrow \text{IV}$ $\therefore$ positive
2.8) $\tan 190^\circ \rightarrow \text{III}$ $\therefore$ positive
2.9) $\sin 300^\circ \rightarrow \text{IV}$ $\therefore$ negative
2.10) $\cos(-60^\circ) \rightarrow \text{IV}$ $\therefore$ positive

