

## Day 1 CW&HW: Using Graphs to Find Solutions

### Selected Solutions

1e.  $53.1^\circ$ ,  $306.9^\circ$ ,  $413.1^\circ$ , or  $666.9^\circ$

2c.  $22.2^\circ$ ,  $202.2^\circ$ ,  $67.8^\circ$ , and  $247.8^\circ$

3a. There will be 6 solutions between  $0^\circ$  and  $360^\circ$ :  $(2 \text{ solutions/cycle}) * (3 \text{ cycles}/360^\circ)$

3b.  $14.8^\circ$  and  $45.2^\circ$

5a.  $30^\circ$ ,  $150^\circ$ ,  $210^\circ$ , or  $330^\circ$