

## Lesson 11

### Problem Set

1. 340; 340
2. 270, 90; 270
3. 74, 90, 196, 360; 196
4. 90, 160, 110; 360; 110
5. Equations will vary;  $160^\circ$ ;  $20^\circ$
6. Equations will vary;  $55^\circ$ ;  $125^\circ$ ;  $55^\circ$
7. Equations will vary;  $36^\circ$ ;  $54^\circ$ ;  $144^\circ$

### Exit Ticket

1. Equations will vary;  $24^\circ$
2. Equations will vary;  $156^\circ$
3. Equations will vary;  $24^\circ$

### Homework

1. 40; 40
2. 45, 315; 315
3. 115, 100, 145, 360; 145
4. 135, 145, 80, 360; 80
5. Equations will vary;  $145^\circ$ ;  $35^\circ$
6. Equations will vary;  $125^\circ$ ;  $125^\circ$ ;  $55^\circ$
7. Equations will vary;  $44^\circ$ ;  $46^\circ$ ;  $134^\circ$