

Halfsheet ANSWERS

①

$$a = 48^\circ$$

$$x_0 = 27.5$$

$$y = 24.8$$

② $a = 38^\circ$

$$x = 11.9$$

$$y = 7.4$$

③ $a = 50.8^\circ$

$$b = 39.2^\circ$$

$$x = 79.3$$

④ $a = 83^\circ$

$$x = 98.7$$

$$a + b = 108 = A$$

⑤

$$a = 54.6^\circ$$

$$b = 35.4^\circ$$

⑥ $a = 42^\circ$

$$x = 16.4$$

⑦ $a = 31.5^\circ$

$$x = 15.3$$

⑧ $a = 36.9^\circ$

$$b = 53.1^\circ$$

$$a + b = 108 = A$$

$$x = 18.24$$

$$b = 58.5^\circ$$

$$x = 21$$