

Review

$$1a) \frac{\sin 35^\circ}{a} = \frac{\sin 75^\circ}{41}$$

$$41 \sin 35^\circ = a \sin 75^\circ$$

$$23.52 = 0.9659 a$$

$$\frac{23.52}{0.9659} = a$$

$$\boxed{24.4 = a}$$

$$b) \frac{\sin 55^\circ}{29} = \frac{\sin 62^\circ}{c}$$

$$c \sin 55^\circ = 29 \sin 62^\circ$$

$$0.8192 c = 25.61$$

$$c = \frac{25.61}{0.8192}$$

$$c = 31.3$$

$$2a) 24^\circ$$

$$b) 38^\circ$$

$$3a) i = 142$$

$$b) K = 43$$

$$4a) \angle G = 60^\circ$$

$$b) \angle K = 63^\circ$$

$$5a) 7.2$$

$$b) 53.5$$

$$6. \angle B = 112^\circ$$

$$7. \angle Q = 51^\circ$$

$$b) p = 20$$