

解答

三角比の不等式1 1枚目

- (1)(ア) $\theta = 60^\circ, 120^\circ$
 (イ) $0^\circ \leq \theta < 60^\circ, 120^\circ < \theta \leq 180^\circ$
 (2)(ア) $\theta = 45^\circ, 135^\circ$
 (イ) $0^\circ \leq \theta \leq 45^\circ, 135^\circ \leq \theta \leq 180^\circ$
 (3)(ア) $\theta = 30^\circ$
 (イ) $0^\circ \leq \theta \leq 30^\circ$
 (4)(ア) $\theta = 60^\circ$
 (イ) $0^\circ \leq \theta < 60^\circ$
 (5)(ア) $\theta = 135^\circ$
 (イ) $0^\circ \leq \theta < 90^\circ, 135^\circ \leq \theta \leq 180^\circ$
 (6)(ア) $\theta = 30^\circ$
 (イ) $30^\circ < \theta < 90^\circ$
 (7)(ア) $\theta = 60^\circ$
 (イ) $0^\circ \leq \theta < 60^\circ, 90^\circ < \theta \leq 180^\circ$
 (8)(ア) $\theta = 30^\circ, 150^\circ$
 (イ) $30^\circ \leq \theta \leq 150^\circ$

三角比の不等式1 2枚目

- (1)(ア) $\theta = 60^\circ, 120^\circ$
 (イ) $60^\circ < \theta < 120^\circ$
 (2)(ア) $\theta = 45^\circ, 135^\circ$
 (イ) $0^\circ \leq \theta \leq 45^\circ, 135^\circ \leq \theta \leq 180^\circ$
 (3)(ア) $\theta = 45^\circ$
 (イ) $45^\circ < \theta \leq 180^\circ$
 (4)(ア) $\theta = 135^\circ$
 (イ) $135^\circ \leq \theta \leq 180^\circ$
 (5)(ア) $\theta = 45^\circ$
 (イ) $0^\circ \leq \theta \leq 45^\circ, 90^\circ < \theta \leq 180^\circ$
 (6)(ア) $\theta = 120^\circ$
 (イ) $0^\circ \leq \theta < 90^\circ, 120^\circ \leq \theta \leq 180^\circ$
 (7)(ア) $\theta = 135^\circ$
 (イ) $0^\circ \leq \theta < 90^\circ, 135^\circ < \theta \leq 180^\circ$
 (8)(ア) $\theta = 120^\circ$
 (イ) $0^\circ \leq \theta \leq 120^\circ$

三角比の不等式1 3枚目

- (1)(ア) $\theta = 30^\circ, 150^\circ$
 (イ) $30^\circ \leq \theta \leq 150^\circ$
 (2)(ア) $\theta = 60^\circ, 120^\circ$
 (イ) $60^\circ < \theta < 120^\circ$
 (3)(ア) $\theta = 150^\circ$
 (イ) $0^\circ \leq \theta < 150^\circ$
 (4)(ア) $\theta = 45^\circ$
 (イ) $45^\circ < \theta \leq 180^\circ$
 (5)(ア) $\theta = 60^\circ$
 (イ) $0^\circ \leq \theta < 60^\circ, 90^\circ < \theta \leq 180^\circ$
 (6)(ア) $\theta = 30^\circ$
 (イ) $0^\circ \leq \theta \leq 30^\circ, 90^\circ < \theta \leq 180^\circ$
 (7)(ア) $\theta = 120^\circ$
 (イ) $0^\circ \leq \theta < 90^\circ, 120^\circ \leq \theta \leq 180^\circ$
 (8)(ア) $\theta = 45^\circ$
 (イ) $45^\circ < \theta < 90^\circ$

三角比の不等式1 4枚目

- (1)(ア) $\theta = 45^\circ, 135^\circ$
 (イ) $0^\circ \leq \theta < 45^\circ, 135^\circ < \theta \leq 180^\circ$
 (2)(ア) $\theta = 30^\circ, 150^\circ$
 (イ) $30^\circ \leq \theta \leq 150^\circ$
 (3)(ア) $\theta = 30^\circ$
 (イ) $30^\circ \leq \theta \leq 180^\circ$
 (4)(ア) $\theta = 60^\circ$
 (イ) $0^\circ \leq \theta \leq 60^\circ$
 (5)(ア) $\theta = 135^\circ$
 (イ) $90^\circ < \theta < 135^\circ$
 (6)(ア) $\theta = 60^\circ$
 (イ) $0^\circ \leq \theta \leq 60^\circ, 90^\circ < \theta \leq 180^\circ$
 (7)(ア) $\theta = 135^\circ$
 (イ) $0^\circ \leq \theta < 135^\circ$
 (8)(ア) $\theta = 150^\circ$
 (イ) $150^\circ < \theta \leq 180^\circ$