

解答

1. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) $\sqrt{3}$	(2) 0	(3) 0
(4) 1	(5) $-\sqrt{3}$	(6) $\frac{1}{\sqrt{3}}$
(7) -1	(8) $\frac{1}{\sqrt{3}}$	(9) $\sqrt{3}$
(10) なし	(11) なし	(12) $-\frac{1}{\sqrt{3}}$
(13) 1	(14) 0	(15) -1
(16) $\sqrt{3}$	(17) $\sqrt{3}$	(18) 1
(19) $-\sqrt{3}$	(20) -1	(21) $\frac{1}{\sqrt{3}}$
(22) 1	(23) 0	(24) -1
(25) 0	(26) なし	(27) $\sqrt{3}$
(28) $-\sqrt{3}$	(29) 1	(30) -1

2. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) $-\frac{1}{\sqrt{3}}$	(2) -1	(3) 0
(4) $\frac{1}{\sqrt{3}}$	(5) 1	(6) なし
(7) 1	(8) なし	(9) $\sqrt{3}$
(10) $-\sqrt{3}$	(11) 0	(12) $-\frac{1}{\sqrt{3}}$
(13) -1	(14) $\frac{1}{\sqrt{3}}$	(15) 1
(16) $\frac{1}{\sqrt{3}}$	(17) 0	(18) $-\frac{1}{\sqrt{3}}$
(19) $-\sqrt{3}$	(20) なし	(21) -1
(22) -1	(23) $\sqrt{3}$	(24) なし
(25) $-\sqrt{3}$	(26) $-\frac{1}{\sqrt{3}}$	(27) 1
(28) $\frac{1}{\sqrt{3}}$	(29) 1	(30) $-\frac{1}{\sqrt{3}}$

3. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) 0	(2) -1	(3) 0
(4) $\sqrt{3}$	(5) $-\frac{1}{\sqrt{3}}$	(6) $-\sqrt{3}$
(7) $\frac{1}{\sqrt{3}}$	(8) $\sqrt{3}$	(9) $-\frac{1}{\sqrt{3}}$
(10) 1	(11) -1	(12) なし
(13) 1	(14) $-\sqrt{3}$	(15) $-\frac{1}{\sqrt{3}}$
(16) $\sqrt{3}$	(17) $\frac{1}{\sqrt{3}}$	(18) 1
(19) 0	(20) なし	(21) -1
(22) -1	(23) $-\sqrt{3}$	(24) 0
(25) $-\frac{1}{\sqrt{3}}$	(26) $-\frac{1}{\sqrt{3}}$	(27) $\sqrt{3}$
(28) $-\sqrt{3}$	(29) $\frac{1}{\sqrt{3}}$	(30) 0

4. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) なし	(2) -1	(3) 1
(4) $-\frac{1}{\sqrt{3}}$	(5) $\sqrt{3}$	(6) -1
(7) $\frac{1}{\sqrt{3}}$	(8) 0	(9) $\frac{1}{\sqrt{3}}$
(10) -1	(11) 0	(12) $-\frac{1}{\sqrt{3}}$
(13) $-\frac{1}{\sqrt{3}}$	(14) -1	(15) なし
(16) $\frac{1}{\sqrt{3}}$	(17) $\sqrt{3}$	(18) $-\sqrt{3}$
(19) 1	(20) 0	(21) $-\frac{1}{\sqrt{3}}$
(22) $-\frac{1}{\sqrt{3}}$	(23) -1	(24) $\frac{1}{\sqrt{3}}$
(25) $\frac{1}{\sqrt{3}}$	(26) なし	(27) -1
(28) 0	(29) 1	(30) 0

5. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) $-\frac{1}{\sqrt{3}}$	(2) $\sqrt{3}$	(3) $\frac{1}{\sqrt{3}}$
(4) $-\sqrt{3}$	(5) $-\frac{1}{\sqrt{3}}$	(6) 0
(7) 1	(8) なし	(9) $\frac{1}{\sqrt{3}}$
(10) 0	(11) $-\frac{1}{\sqrt{3}}$	(12) $\frac{1}{\sqrt{3}}$
(13) $-\sqrt{3}$	(14) $-\sqrt{3}$	(15) -1
(16) -1	(17) なし	(18) 0
(19) $\sqrt{3}$	(20) なし	(21) $\frac{1}{\sqrt{3}}$
(22) 1	(23) $-\frac{1}{\sqrt{3}}$	(24) -1
(25) なし	(26) $-\sqrt{3}$	(27) 0
(28) $\sqrt{3}$	(29) $\frac{1}{\sqrt{3}}$	(30) $\sqrt{3}$

6. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) なし	(2) $-\frac{1}{\sqrt{3}}$	(3) -1
(4) 1	(5) -1	(6) 0
(7) $-\sqrt{3}$	(8) なし	(9) $\frac{1}{\sqrt{3}}$
(10) $\sqrt{3}$	(11) $-\frac{1}{\sqrt{3}}$	(12) 1
(13) なし	(14) -1	(15) 1
(16) $-\sqrt{3}$	(17) なし	(18) $\sqrt{3}$
(19) 0	(20) 0	(21) 1
(22) $\sqrt{3}$	(23) $\frac{1}{\sqrt{3}}$	(24) $-\frac{1}{\sqrt{3}}$
(25) なし	(26) $\sqrt{3}$	(27) -1
(28) -1	(29) 0	(30) 1

7. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) $\frac{1}{\sqrt{3}}$	(2) $\frac{1}{\sqrt{3}}$	(3) $-\sqrt{3}$
(4) $\sqrt{3}$	(5) $-\frac{1}{\sqrt{3}}$	(6) なし
(7) -1	(8) $-\frac{1}{\sqrt{3}}$	(9) 1
(10) 0	(11) $-\sqrt{3}$	(12) $\sqrt{3}$
(13) $-\frac{1}{\sqrt{3}}$	(14) $\frac{1}{\sqrt{3}}$	(15) $\sqrt{3}$
(16) $\frac{1}{\sqrt{3}}$	(17) なし	(18) 1
(19) -1	(20) $-\frac{1}{\sqrt{3}}$	(21) $-\sqrt{3}$
(22) $-\sqrt{3}$	(23) $-\frac{1}{\sqrt{3}}$	(24) 1
(25) $\frac{1}{\sqrt{3}}$	(26) 0	(27) なし
(28) $\sqrt{3}$	(29) $-\sqrt{3}$	(30) $\sqrt{3}$

8. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) 0	(2) -1	(3) -1
(4) 1	(5) なし	(6) $\frac{1}{\sqrt{3}}$
(7) $-\sqrt{3}$	(8) $-\frac{1}{\sqrt{3}}$	(9) $\sqrt{3}$
(10) $\sqrt{3}$	(11) -1	(12) 1
(13) 0	(14) $-\frac{1}{\sqrt{3}}$	(15) なし
(16) $\frac{1}{\sqrt{3}}$	(17) 1	(18) $\sqrt{3}$
(19) -1	(20) $-\sqrt{3}$	(21) なし
(22) 0	(23) $\sqrt{3}$	(24) $-\frac{1}{\sqrt{3}}$
(25) なし	(26) -1	(27) $\frac{1}{\sqrt{3}}$
(28) 1	(29) $-\sqrt{3}$	(30) 0

9. 三角関数・弧度法 ($\tan \theta, (0 < \theta \leq 2\pi)$)

(1) $\sqrt{3}$	(2) $-\sqrt{3}$	(3) なし
(4) $-\frac{1}{\sqrt{3}}$	(5) $\frac{1}{\sqrt{3}}$	(6) -1
(7) 0	(8) $-\sqrt{3}$	(9) 1
(10) $\sqrt{3}$	(11) $\frac{1}{\sqrt{3}}$	(12) なし
(13) $-\frac{1}{\sqrt{3}}$	(14) -1	(15) $\sqrt{3}$
(16) 0	(17) 0	(18) -1
(19) $\frac{1}{\sqrt{3}}$	(20) 1	(21) なし
(22) -1	(23) $-\frac{1}{\sqrt{3}}$	(24) $-\sqrt{3}$
(25) $-\frac{1}{\sqrt{3}}$	(26) 0	(27) $\sqrt{3}$
(28) 1	(29) $\sqrt{3}$	(30) -1