

解答

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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