

解答

1. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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

2. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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

3. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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

4. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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

5. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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

6. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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

7. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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

8. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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

9. 三角比（まとめ ($0^\circ < \theta < 180^\circ$ ））

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