

解答

1. 弧度法（角度から）

(1) $\frac{3\pi}{2}$	(2) $\frac{\pi}{3}$	(3) $\frac{11\pi}{6}$
(4) $\frac{3\pi}{4}$	(5) $\frac{2\pi}{3}$	(6) $\frac{\pi}{4}$
(7) $\frac{5\pi}{6}$	(8) π	(9) $\frac{4\pi}{3}$
(10) $\frac{\pi}{6}$	(11) $\frac{\pi}{2}$	(12) $\frac{3\pi}{4}$
(13) $\frac{\pi}{3}$	(14) $\frac{\pi}{4}$	(15) $\frac{2\pi}{3}$
(16) $\frac{7\pi}{4}$	(17) π	(18) $\frac{7\pi}{6}$
(19) $\frac{5\pi}{6}$	(20) $\frac{\pi}{6}$	(21) $\frac{\pi}{3}$
(22) $\frac{3\pi}{4}$	(23) $\frac{\pi}{2}$	(24) $\frac{3\pi}{2}$
(25) $\frac{2\pi}{3}$	(26) $\frac{5\pi}{4}$	(27) $\frac{\pi}{4}$
(28) π	(29) $\frac{\pi}{3}$	(30) $\frac{5\pi}{6}$
(31) $\frac{5\pi}{3}$	(32) $\frac{\pi}{6}$	(33) $\frac{2\pi}{3}$
(34) $\frac{7\pi}{6}$	(35) $\frac{3\pi}{4}$	(36) $\frac{\pi}{4}$
(37) π	(38) $\frac{\pi}{3}$	(39) $\frac{5\pi}{6}$
(40) $\frac{\pi}{6}$	(41) $\frac{11\pi}{6}$	(42) $\frac{2\pi}{3}$
(43) $\frac{3\pi}{2}$	(44) $\frac{3\pi}{4}$	(45) $\frac{\pi}{2}$

2. 弧度法（角度から）

(1) π	(2) $\frac{\pi}{3}$	(3) $\frac{5\pi}{6}$
(4) $\frac{\pi}{6}$	(5) $\frac{11\pi}{6}$	(6) $\frac{\pi}{4}$
(7) $\frac{3\pi}{2}$	(8) $\frac{5\pi}{3}$	(9) $\frac{3\pi}{4}$
(10) 2π	(11) $\frac{7\pi}{6}$	(12) $\frac{\pi}{2}$
(13) $\frac{4\pi}{3}$	(14) $\frac{5\pi}{6}$	(15) $\frac{\pi}{6}$
(16) $\frac{\pi}{3}$	(17) $\frac{5\pi}{4}$	(18) π
(19) $\frac{2\pi}{3}$	(20) $\frac{\pi}{4}$	(21) $\frac{11\pi}{6}$
(22) $\frac{5\pi}{6}$	(23) $\frac{3\pi}{4}$	(24) $\frac{7\pi}{6}$
(25) $\frac{5\pi}{4}$	(26) $\frac{\pi}{6}$	(27) π
(28) $\frac{\pi}{2}$	(29) $\frac{\pi}{3}$	(30) $\frac{5\pi}{6}$
(31) $\frac{3\pi}{4}$	(32) $\frac{2\pi}{3}$	(33) $\frac{\pi}{4}$
(34) $\frac{3\pi}{2}$	(35) $\frac{7\pi}{4}$	(36) π
(37) $\frac{\pi}{6}$	(38) $\frac{11\pi}{6}$	(39) $\frac{3\pi}{4}$
(40) $\frac{2\pi}{3}$	(41) $\frac{5\pi}{6}$	(42) $\frac{4\pi}{3}$
(43) $\frac{7\pi}{6}$	(44) π	(45) $\frac{\pi}{6}$

3. 弧度法（角度から）

(1) $\frac{3\pi}{2}$	(2) $\frac{\pi}{3}$	(3) $\frac{\pi}{4}$
(4) $\frac{2\pi}{3}$	(5) $\frac{11\pi}{6}$	(6) $\frac{4\pi}{3}$
(7) π	(8) $\frac{\pi}{2}$	(9) $\frac{5\pi}{6}$
(10) $\frac{3\pi}{4}$	(11) $\frac{\pi}{4}$	(12) $\frac{\pi}{6}$
(13) $\frac{\pi}{3}$	(14) $\frac{7\pi}{6}$	(15) π
(16) $\frac{5\pi}{4}$	(17) 2π	(18) $\frac{7\pi}{4}$
(19) $\frac{5\pi}{6}$	(20) $\frac{3\pi}{4}$	(21) $\frac{2\pi}{3}$
(22) $\frac{\pi}{4}$	(23) $\frac{\pi}{6}$	(24) $\frac{\pi}{3}$
(25) π	(26) $\frac{\pi}{2}$	(27) $\frac{4\pi}{3}$
(28) $\frac{5\pi}{6}$	(29) $\frac{3\pi}{2}$	(30) $\frac{3\pi}{4}$
(31) $\frac{2\pi}{3}$	(32) $\frac{\pi}{6}$	(33) $\frac{5\pi}{4}$
(34) 2π	(35) $\frac{\pi}{4}$	(36) $\frac{5\pi}{6}$
(37) $\frac{\pi}{3}$	(38) $\frac{3\pi}{2}$	(39) $\frac{7\pi}{6}$
(40) $\frac{2\pi}{3}$	(41) $\frac{\pi}{2}$	(42) $\frac{5\pi}{4}$
(43) $\frac{3\pi}{4}$	(44) 2π	(45) $\frac{4\pi}{3}$

4. 弧度法（角度から）

(1) $\frac{\pi}{6}$	(2) $\frac{\pi}{3}$	(3) $\frac{5\pi}{6}$
(4) $\frac{\pi}{2}$	(5) $\frac{11\pi}{6}$	(6) $\frac{2\pi}{3}$
(7) $\frac{7\pi}{4}$	(8) π	(9) $\frac{4\pi}{3}$
(10) $\frac{\pi}{3}$	(11) $\frac{3\pi}{2}$	(12) $\frac{3\pi}{4}$
(13) $\frac{5\pi}{6}$	(14) $\frac{\pi}{6}$	(15) $\frac{\pi}{2}$
(16) $\frac{\pi}{4}$	(17) $\frac{2\pi}{3}$	(18) $\frac{5\pi}{4}$
(19) π	(20) $\frac{7\pi}{6}$	(21) $\frac{3\pi}{4}$
(22) $\frac{7\pi}{4}$	(23) $\frac{5\pi}{6}$	(24) $\frac{5\pi}{3}$
(25) $\frac{\pi}{3}$	(26) $\frac{\pi}{2}$	(27) $\frac{\pi}{4}$
(28) $\frac{2\pi}{3}$	(29) $\frac{3\pi}{2}$	(30) $\frac{\pi}{6}$
(31) $\frac{5\pi}{6}$	(32) π	(33) $\frac{3\pi}{4}$
(34) $\frac{\pi}{2}$	(35) $\frac{\pi}{4}$	(36) $\frac{\pi}{3}$
(37) $\frac{2\pi}{3}$	(38) $\frac{7\pi}{4}$	(39) $\frac{5\pi}{6}$
(40) $\frac{\pi}{6}$	(41) π	(42) $\frac{5\pi}{4}$
(43) $\frac{\pi}{2}$	(44) $\frac{\pi}{3}$	(45) $\frac{\pi}{4}$

5. 弧度法（角度から）

(1) $\frac{3\pi}{4}$	(2) $\frac{2\pi}{3}$	(3) 2π
(4) $\frac{7\pi}{6}$	(5) $\frac{11\pi}{6}$	(6) π
(7) $\frac{\pi}{6}$	(8) $\frac{\pi}{4}$	(9) $\frac{5\pi}{6}$
(10) $\frac{\pi}{2}$	(11) $\frac{2\pi}{3}$	(12) $\frac{3\pi}{2}$
(13) $\frac{\pi}{3}$	(14) π	(15) $\frac{3\pi}{4}$
(16) $\frac{\pi}{6}$	(17) $\frac{5\pi}{6}$	(18) $\frac{5\pi}{4}$
(19) $\frac{2\pi}{3}$	(20) $\frac{11\pi}{6}$	(21) 2π
(22) $\frac{\pi}{2}$	(23) $\frac{\pi}{4}$	(24) $\frac{\pi}{3}$
(25) π	(26) $\frac{5\pi}{6}$	(27) $\frac{2\pi}{3}$
(28) $\frac{3\pi}{4}$	(29) $\frac{3\pi}{2}$	(30) $\frac{\pi}{6}$
(31) $\frac{\pi}{2}$	(32) 2π	(33) $\frac{\pi}{3}$
(34) $\frac{4\pi}{3}$	(35) $\frac{5\pi}{6}$	(36) $\frac{3\pi}{4}$
(37) $\frac{11\pi}{6}$	(38) $\frac{2\pi}{3}$	(39) $\frac{\pi}{6}$
(40) π	(41) $\frac{\pi}{2}$	(42) $\frac{\pi}{3}$
(43) $\frac{5\pi}{4}$	(44) $\frac{\pi}{4}$	(45) $\frac{3\pi}{4}$

6. 弧度法（ラジアンから）

(1) 120°	(2) 90°	(3) 135°
(4) 330°	(5) 30°	(6) 150°
(7) 60°	(8) 360°	(9) 120°
(10) 90°	(11) 300°	(12) 180°
(13) 30°	(14) 135°	(15) 210°
(16) 60°	(17) 120°	(18) 45°
(19) 315°	(20) 90°	(21) 150°
(22) 135°	(23) 180°	(24) 270°
(25) 240°	(26) 330°	(27) 60°
(28) 30°	(29) 315°	(30) 360°
(31) 180°	(32) 225°	(33) 240°
(34) 90°	(35) 210°	(36) 135°
(37) 60°	(38) 120°	(39) 150°
(40) 270°	(41) 30°	(42) 330°
(43) 240°	(44) 180°	(45) 360°

7. 弧度法（ラジアンから）

(1) 90°	(2) 225°	(3) 60°
(4) 45°	(5) 30°	(6) 135°
(7) 240°	(8) 180°	(9) 90°
(10) 360°	(11) 210°	(12) 330°
(13) 45°	(14) 315°	(15) 135°
(16) 180°	(17) 30°	(18) 150°
(19) 60°	(20) 360°	(21) 45°
(22) 90°	(23) 270°	(24) 240°
(25) 180°	(26) 150°	(27) 135°
(28) 120°	(29) 30°	(30) 330°
(31) 315°	(32) 60°	(33) 210°
(34) 180°	(35) 45°	(36) 150°
(37) 30°	(38) 90°	(39) 315°
(40) 240°	(41) 330°	(42) 180°
(43) 120°	(44) 360°	(45) 135°

8. 弧度法（ラジアンから）

(1) 90°	(2) 210°	(3) 240°
(4) 30°	(5) 180°	(6) 60°
(7) 120°	(8) 330°	(9) 135°
(10) 90°	(11) 150°	(12) 30°
(13) 45°	(14) 180°	(15) 240°
(16) 300°	(17) 120°	(18) 135°
(19) 60°	(20) 150°	(21) 30°
(22) 90°	(23) 180°	(24) 45°
(25) 360°	(26) 120°	(27) 270°
(28) 330°	(29) 210°	(30) 90°
(31) 30°	(32) 225°	(33) 180°
(34) 60°	(35) 120°	(36) 150°
(37) 330°	(38) 300°	(39) 30°
(40) 135°	(41) 315°	(42) 60°
(43) 180°	(44) 270°	(45) 360°

9. 弧度法（ラジアンから）

(1) 120°	(2) 90°	(3) 45°
(4) 150°	(5) 30°	(6) 300°
(7) 210°	(8) 135°	(9) 315°
(10) 240°	(11) 60°	(12) 270°
(13) 45°	(14) 90°	(15) 120°
(16) 135°	(17) 30°	(18) 150°
(19) 360°	(20) 60°	(21) 45°
(22) 315°	(23) 240°	(24) 90°
(25) 120°	(26) 30°	(27) 225°
(28) 360°	(29) 45°	(30) 150°
(31) 210°	(32) 180°	(33) 90°
(34) 330°	(35) 240°	(36) 30°
(37) 60°	(38) 315°	(39) 45°
(40) 210°	(41) 180°	(42) 135°
(43) 90°	(44) 120°	(45) 30°

10. 弧度法（ラジアンから）

(1) 60°	(2) 150°	(3) 240°
(4) 270°	(5) 45°	(6) 135°
(7) 120°	(8) 90°	(9) 30°
(10) 315°	(11) 60°	(12) 225°
(13) 360°	(14) 150°	(15) 180°
(16) 90°	(17) 45°	(18) 135°
(19) 315°	(20) 30°	(21) 120°
(22) 150°	(23) 270°	(24) 210°
(25) 60°	(26) 180°	(27) 360°
(28) 315°	(29) 30°	(30) 240°
(31) 120°	(32) 45°	(33) 90°
(34) 180°	(35) 270°	(36) 210°
(37) 300°	(38) 60°	(39) 150°
(40) 135°	(41) 90°	(42) 30°
(43) 120°	(44) 45°	(45) 210°