

三角方程式 1

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の方程式を解け。

(1) $\sin \theta = \frac{\sqrt{2}}{2}$

答. _____

(2) $\sin \theta = -\frac{1}{2}$

答. _____

(3) $\sin \theta = \frac{\sqrt{3}}{2}$

答. _____

(4) $\sin \theta = \frac{1}{2}$

答. _____

(5) $\sin \theta = -\frac{\sqrt{2}}{2}$

答. _____

(6) $\sin \theta = -1$

答. _____

(7) $\sin \theta = -\frac{\sqrt{3}}{2}$

答. _____

(8) $\cos \theta = \frac{1}{2}$

答. _____

(9) $\cos \theta = -\frac{\sqrt{3}}{2}$

答. _____

(10) $\cos \theta = 1$

答. _____

(11) $\cos \theta = \frac{\sqrt{3}}{2}$

答. _____

(12) $\cos \theta = -\frac{\sqrt{2}}{2}$

答. _____

(13) $\cos \theta = -1$

答. _____

(14) $\cos \theta = -\frac{1}{2}$

答. _____

(15) $\tan \theta = -1$

答. _____

(16) $\tan \theta = -\frac{\sqrt{3}}{3}$

答. _____

(17) $\tan \theta = \frac{\sqrt{3}}{3}$

答. _____

(18) $\tan \theta = \sqrt{3}$

答. _____

(19) $\tan \theta = -\sqrt{3}$

答. _____

(20) $\tan \theta = 1$

答. _____

三角方程式 2

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の方程式を解け。

(1) $\sin \theta = -1$

答. _____

(2) $\sin \theta = \frac{\sqrt{2}}{2}$

答. _____

(3) $\sin \theta = 0$

答. _____

(4) $\sin \theta = -\frac{\sqrt{2}}{2}$

答. _____

(5) $\sin \theta = -\frac{\sqrt{3}}{2}$

答. _____

(6) $\sin \theta = \frac{\sqrt{3}}{2}$

答. _____

(7) $\sin \theta = 1$

答. _____

(8) $\cos \theta = \frac{\sqrt{2}}{2}$

答. _____

(9) $\cos \theta = \frac{1}{2}$

答. _____

(10) $\cos \theta = \frac{\sqrt{3}}{2}$

答. _____

(11) $\cos \theta = -1$

答. _____

(12) $\cos \theta = 0$

答. _____

(13) $\cos \theta = -\frac{\sqrt{2}}{2}$

答. _____

(14) $\tan \theta = \sqrt{3}$

答. _____

(15) $\tan \theta = -\sqrt{3}$

答. _____

(16) $\tan \theta = 0$

答. _____

(17) $\tan \theta = -1$

答. _____

(18) $\tan \theta = 1$

答. _____

(19) $\tan \theta = \frac{\sqrt{3}}{3}$

答. _____

(20) $\tan \theta = -\frac{\sqrt{3}}{3}$

答. _____

三角方程式 3

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の方程式を解け。

(1) $\sin \theta = \frac{1}{2}$

答. _____

(2) $\sin \theta = -\frac{\sqrt{3}}{2}$

答. _____

(3) $\sin \theta = 0$

答. _____

(4) $\sin \theta = 1$

答. _____

(5) $\sin \theta = -\frac{1}{2}$

答. _____

(6) $\sin \theta = -1$

答. _____

(7) $\cos \theta = \frac{\sqrt{2}}{2}$

答. _____

(8) $\cos \theta = 0$

答. _____

(9) $\cos \theta = -\frac{\sqrt{2}}{2}$

答. _____

(10) $\cos \theta = 1$

答. _____

(11) $\cos \theta = \frac{\sqrt{3}}{2}$

答. _____

(12) $\cos \theta = -\frac{1}{2}$

答. _____

(13) $\cos \theta = -1$

答. _____

(14) $\tan \theta = -\frac{\sqrt{3}}{3}$

答. _____

(15) $\tan \theta = \sqrt{3}$

答. _____

(16) $\tan \theta = 0$

答. _____

(17) $\tan \theta = -1$

答. _____

(18) $\tan \theta = \frac{\sqrt{3}}{3}$

答. _____

(19) $\tan \theta = 1$

答. _____

(20) $\tan \theta = -\sqrt{3}$

答. _____

三角方程式 4

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の方程式を解け。

(1) $2 \sin \theta - \sqrt{3} = 0$

答. _____

(2) $2 \sin \theta = 1$

答. _____

(3) $2 \sin \theta = -\sqrt{3}$

答. _____

(4) $2 \sin \theta = -1$

答. _____

(5) $\sqrt{2} \sin \theta - 1 = 0$

答. _____

(6) $2 \sin \theta + \sqrt{2} = 0$

答. _____

(7) $2 \sin \theta = \sqrt{2}$

答. _____

(8) $2 \cos \theta = -\sqrt{2}$

答. _____

(9) $2 \cos \theta + \sqrt{3} = 0$

答. _____

(10) $2 \cos \theta - \sqrt{3} = 0$

答. _____

(11) $\cos \theta = 0$

答. _____

(12) $\cos \theta - 1 = 0$

答. _____

(13) $2 \cos \theta + 1 = 0$

答. _____

(14) $\sqrt{2} \cos \theta + 1 = 0$

答. _____

(15) $\tan \theta - 1 = 0$

答. _____

(16) $\tan \theta - \sqrt{3} = 0$

答. _____

(17) $\tan \theta = 0$

答. _____

(18) $3 \tan \theta = -\sqrt{3}$

答. _____

(19) $\tan \theta + 1 = 0$

答. _____

(20) $\tan \theta + \sqrt{3} = 0$

答. _____

三角方程式 5

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の方程式を解け。

(1) $2 \sin \theta = -\sqrt{3}$

答. _____

(2) $\sqrt{2} \sin \theta + 1 = 0$

答. _____

(3) $2 \sin \theta - \sqrt{2} = 0$

答. _____

(4) $2 \sin \theta = -\sqrt{2}$

答. _____

(5) $2 \sin \theta - 1 = 0$

答. _____

(6) $\sin \theta = 0$

答. _____

(7) $2 \sin \theta + 1 = 0$

答. _____

(8) $\cos \theta = 0$

答. _____

(9) $2 \cos \theta = 1$

答. _____

(10) $\sqrt{2} \cos \theta = -1$

答. _____

(11) $2 \cos \theta = -\sqrt{3}$

答. _____

(12) $\cos \theta - 1 = 0$

答. _____

(13) $2 \cos \theta + \sqrt{2} = 0$

答. _____

(14) $\tan \theta = -\sqrt{3}$

答. _____

(15) $\tan \theta = 0$

答. _____

(16) $\tan \theta = 1$

答. _____

(17) $\tan \theta = -1$

答. _____

(18) $\tan \theta = \sqrt{3}$

答. _____

(19) $3 \tan \theta = -\sqrt{3}$

答. _____

(20) $3 \tan \theta = \sqrt{3}$

答. _____

三角方程式 6

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の方程式を解け。

(1) $2 \sin \theta = -1$

答. _____

(2) $2 \sin \theta = -\sqrt{3}$

答. _____

(3) $2 \sin \theta - 1 = 0$

答. _____

(4) $2 \sin \theta = \sqrt{2}$

答. _____

(5) $2 \sin \theta - \sqrt{3} = 0$

答. _____

(6) $\sin \theta + 1 = 0$

答. _____

(7) $2 \cos \theta - \sqrt{3} = 0$

答. _____

(8) $\sqrt{2} \cos \theta + 1 = 0$

答. _____

(9) $\cos \theta - 1 = 0$

答. _____

(10) $\cos \theta = 0$

答. _____

(11) $2 \cos \theta - 1 = 0$

答. _____

(12) $2 \cos \theta = \sqrt{2}$

答. _____

(13) $2 \cos \theta = -\sqrt{3}$

答. _____

(14) $\tan \theta = \sqrt{3}$

答. _____

(15) $\tan \theta = -\sqrt{3}$

答. _____

(16) $3 \tan \theta = \sqrt{3}$

答. _____

(17) $\tan \theta = 1$

答. _____

(18) $\tan \theta = 0$

答. _____

(19) $\tan \theta = -1$

答. _____

(20) $3 \tan \theta = -\sqrt{3}$

答. _____

三角方程式 7

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の方程式を解け。

(1) $\sin \theta = 0$

答. _____

(2) $2 \sin \theta - 1 = 0$

答. _____

(3) $\tan \theta = 0$

答. _____

(4) $\tan \theta = \sqrt{3}$

答. _____

(5) $2 \cos \theta = -\sqrt{3}$

答. _____

(6) $\tan \theta = 1$

答. _____

(7) $3 \tan \theta - \sqrt{3} = 0$

答. _____

(8) $\sqrt{2} \sin \theta - 1 = 0$

答. _____

(9) $\cos \theta = 0$

答. _____

(10) $\sqrt{3} \tan \theta + 1 = 0$

答. _____

(11) $\tan \theta + \sqrt{3} = 0$

答. _____

(12) $2 \cos \theta = -1$

答. _____

(13) $3 \tan \theta + \sqrt{3} = 0$

答. _____

(14) $2 \sin \theta = \sqrt{3}$

答. _____

(15) $2 \sin \theta + \sqrt{2} = 0$

答. _____

(16) $2 \sin \theta + \sqrt{3} = 0$

答. _____

(17) $\sqrt{2} \cos \theta = 1$

答. _____

(18) $2 \sin \theta + 1 = 0$

答. _____

(19) $2 \sin \theta - \sqrt{2} = 0$

答. _____

(20) $2 \cos \theta - \sqrt{3} = 0$

答. _____

三角方程式 8

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の方程式を解け。

(1) $2 \sin \theta + \sqrt{2} = 0$

答. _____

(2) $\cos \theta = 0$

答. _____

(3) $\sin \theta = 0$

答. _____

(4) $2 \sin \theta - \sqrt{2} = 0$

答. _____

(5) $\tan \theta - 1 = 0$

答. _____

(6) $\tan \theta = \sqrt{3}$

答. _____

(7) $3 \tan \theta - \sqrt{3} = 0$

答. _____

(8) $\tan \theta + 1 = 0$

答. _____

(9) $2 \cos \theta = 1$

答. _____

(10) $2 \cos \theta - \sqrt{2} = 0$

答. _____

(11) $\tan \theta + \sqrt{3} = 0$

答. _____

(12) $2 \sin \theta = 1$

答. _____

(13) $3 \tan \theta + \sqrt{3} = 0$

答. _____

(14) $2 \cos \theta + \sqrt{3} = 0$

答. _____

(15) $2 \cos \theta = -\sqrt{2}$

答. _____

(16) $2 \cos \theta - \sqrt{3} = 0$

答. _____

(17) $\cos \theta = 1$

答. _____

(18) $2 \sin \theta = -1$

答. _____

(19) $\tan \theta = 0$

答. _____

(20) $\sin \theta = 1$

答. _____