

三角不等式 1

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の不等式を解け。

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

答. _____

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

答. _____

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

答. _____

(4) $\sin \theta > 0$

答. _____

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

答. _____

(6) $\sin \theta \geq \frac{1}{2}$

答. _____

(7) $\sin \theta \leq 0$

答. _____

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

答. _____

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

答. _____

(10) $\cos \theta \leq -\frac{\sqrt{2}}{2}$

答. _____

(11) $\cos \theta \geq -\frac{1}{2}$

答. _____

(12) $\cos \theta \geq \frac{\sqrt{3}}{2}$

答. _____

(13) $\cos \theta < 0$

答. _____

(14) $\cos \theta \geq 0$

答. _____

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

答. _____

(16) $\tan \theta \geq -1$

答. _____

(17) $\tan \theta \geq -\sqrt{3}$

答. _____

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

答. _____

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

答. _____

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

答. _____

三角不等式 2

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の不等式を解け。

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

答. _____

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

答. _____

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

答. _____

(4) $\sin \theta > 0$

答. _____

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

答. _____

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

答. _____

(7) $\sin \theta \geq 0$

答. _____

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

答. _____

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

答. _____

(10) $\cos \theta \leq -\frac{\sqrt{2}}{2}$

答. _____

(11) $\cos \theta > \frac{1}{2}$

答. _____

(12) $\cos \theta < -\frac{\sqrt{3}}{2}$

答. _____

(13) $\cos \theta > \frac{\sqrt{3}}{2}$

答. _____

(14) $\tan \theta \geq 0$

答. _____

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

答. _____

(16) $\tan \theta < 0$

答. _____

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

答. _____

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

答. _____

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

答. _____

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

答. _____

三角不等式 3

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の不等式を解け。

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

答. _____

(2) $\sin \theta > 0$

答. _____

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

答. _____

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

答. _____

(5) $\sin \theta < 0$

答. _____

(6) $\sin \theta \leq 0$

答. _____

(7) $\cos \theta \geq -\frac{1}{2}$

答. _____

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

答. _____

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

答. _____

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

答. _____

(11) $\cos \theta \leq 0$

答. _____

(12) $\cos \theta \geq -\frac{\sqrt{3}}{2}$

答. _____

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

答. _____

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

答. _____

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

答. _____

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

答. _____

(17) $\tan \theta \leq -\sqrt{3}$

答. _____

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

答. _____

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

答. _____

(20) $\tan \theta \geq 0$

答. _____

三角不等式 4

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の不等式を解け。

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

答. _____

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

答. _____

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

答. _____

(4) $\sqrt{2} \sin \theta - 1 < 0$

答. _____

(5) $\sin \theta > 0$

答. _____

(6) $2 \sin \theta - \sqrt{2} > 0$

答. _____

(7) $2 \sin \theta + \sqrt{3} < 0$

答. _____

(8) $2 \cos \theta + 1 \leq 0$

答. _____

(9) $2 \cos \theta \geq \sqrt{3}$

答. _____

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

答. _____

(11) $2 \cos \theta < \sqrt{2}$

答. _____

(12) $2 \cos \theta - \sqrt{3} > 0$

答. _____

(13) $2 \cos \theta + \sqrt{3} < 0$

答. _____

(14) $2 \cos \theta - \sqrt{2} \leq 0$

答. _____

(15) $3 \tan \theta + \sqrt{3} \geq 0$

答. _____

(16) $\tan \theta \leq 0$

答. _____

(17) $\tan \theta \leq 1$

答. _____

(18) $3 \tan \theta - \sqrt{3} < 0$

答. _____

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

答. _____

(20) $3 \tan \theta - \sqrt{3} > 0$

答. _____

三角不等式 5

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の不等式を解け。

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

答. _____

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

答. _____

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

答. _____

(4) $2 \sin \theta \geq \sqrt{3}$

答. _____

(5) $2 \sin \theta + \sqrt{3} \geq 0$

答. _____

(6) $2 \sin \theta - 1 \geq 0$

答. _____

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

答. _____

(8) $2 \cos \theta \geq \sqrt{2}$

答. _____

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

答. _____

(10) $\cos \theta \leq 0$

答. _____

(11) $2 \cos \theta + 1 \geq 0$

答. _____

(12) $\cos \theta \geq 0$

答. _____

(13) $2 \cos \theta + \sqrt{3} > 0$

答. _____

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

答. _____

(15) $\tan \theta + 1 \leq 0$

答. _____

(16) $\tan \theta - 1 < 0$

答. _____

(17) $\tan \theta \leq 0$

答. _____

(18) $3 \tan \theta + \sqrt{3} > 0$

答. _____

(19) $\tan \theta + \sqrt{3} \geq 0$

答. _____

(20) $\tan \theta \leq 1$

答. _____

三角不等式 6

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の不等式を解け。

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

答. _____

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

答. _____

(3) $2 \sin \theta < \sqrt{2}$

答. _____

(4) $\sin \theta \geq 0$

答. _____

(5) $\sin \theta < 0$

答. _____

(6) $\sqrt{2} \sin \theta - 1 < 0$

答. _____

(7) $\sqrt{2} \cos \theta \leq -1$

答. _____

(8) $\cos \theta \geq 0$

答. _____

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

答. _____

(10) $2 \cos \theta \geq 1$

答. _____

(11) $2 \cos \theta - \sqrt{2} \leq 0$

答. _____

(12) $2 \cos \theta > -\sqrt{3}$

答. _____

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

答. _____

(14) $\tan \theta < -1$

答. _____

(15) $\tan \theta \geq 1$

答. _____

(16) $\tan \theta + 1 \leq 0$

答. _____

(17) $\tan \theta < 0$

答. _____

(18) $\tan \theta + \sqrt{3} < 0$

答. _____

(19) $\tan \theta - \sqrt{3} > 0$

答. _____

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

答. _____

三角不等式 7

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の不等式を解け。

(1) $\sin \theta \geq 0$

答. _____

(2) $\sin \theta > 0$

答. _____

(3) $\tan \theta \geq 0$

答. _____

(4) $2 \cos \theta \leq 1$

答. _____

(5) $3 \tan \theta - \sqrt{3} > 0$

答. _____

(6) $2 \sin \theta \leq 1$

答. _____

(7) $2 \cos \theta \leq \sqrt{3}$

答. _____

(8) $2 \sin \theta > \sqrt{3}$

答. _____

(9) $\sqrt{2} \sin \theta - 1 > 0$

答. _____

(10) $\sin \theta < 0$

答. _____

(11) $2 \sin \theta - 1 > 0$

答. _____

(12) $\tan \theta \geq -\sqrt{3}$

答. _____

(13) $2 \sin \theta < \sqrt{3}$

答. _____

(14) $\tan \theta > 0$

答. _____

(15) $3 \tan \theta - \sqrt{3} < 0$

答. _____

(16) $2 \sin \theta < -\sqrt{2}$

答. _____

(17) $2 \cos \theta < \sqrt{2}$

答. _____

(18) $\cos \theta < 0$

答. _____

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

答. _____

(20) $\tan \theta \leq 0$

答. _____

三角不等式 8

氏名 _____

1. $0^\circ \leq \theta < 360^\circ$ のとき、次の不等式を解け。

(1) $2 \sin \theta + \sqrt{3} < 0$

答. _____

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

答. _____

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

答. _____

(4) $\sqrt{2} \sin \theta \geq -1$

答. _____

(5) $\sin \theta \leq 0$

答. _____

(6) $\sin \theta > 0$

答. _____

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

答. _____

(8) $\tan \theta \geq 0$

答. _____

(9) $2 \cos \theta - 1 > 0$

答. _____

(10) $2 \sin \theta - \sqrt{2} \geq 0$

答. _____

(11) $2 \cos \theta + \sqrt{2} \leq 0$

答. _____

(12) $2 \cos \theta + \sqrt{3} \geq 0$

答. _____

(13) $\cos \theta \geq 0$

答. _____

(14) $2 \sin \theta + \sqrt{2} < 0$

答. _____

(15) $2 \cos \theta - \sqrt{3} < 0$

答. _____

(16) $2 \sin \theta > -\sqrt{3}$

答. _____

(17) $\tan \theta < 1$

答. _____

(18) $\tan \theta \leq 0$

答. _____

(19) $\sqrt{3} \tan \theta - 1 \leq 0$

答. _____

(20) $\sqrt{2} \cos \theta - 1 \leq 0$

答. _____