

SAT数学

张斯乐

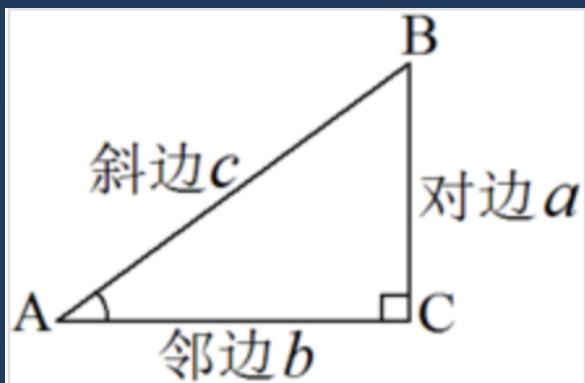


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◆ 4. Additional Topics in Math

4.1 Right Triangle Trigonometry

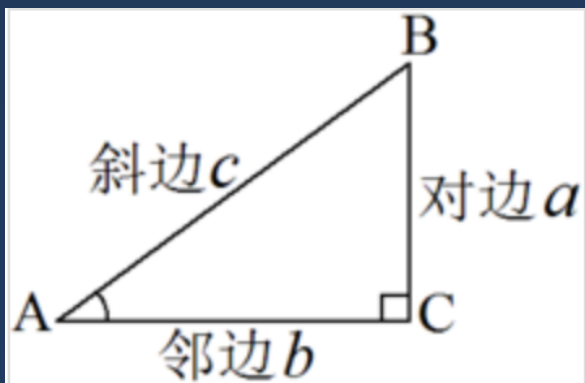


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4.1 Right Triangle Trigonometry



$$\sin(x^\circ) = \cos(90^\circ - x^\circ)$$

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4.1 Right Triangle Trigonometry

Unit circle

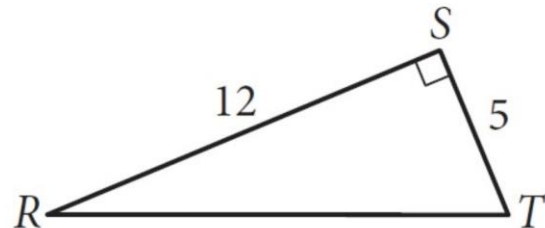
Measure of angle: π radian = 180 degree

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◆ 4.1 Right Triangle Trigonometry

1.



In triangle RST above, point W (not shown) lies on $\overline{RT}$. What is the value of $\cos(\angle RSW) - \sin(\angle WST)$?

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◆ 4.1 Right Triangle Trigonometry

2. If $\sin 36^\circ = \cos x^\circ$, where $0 < x < 360$, what is a possible value of x ?

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