Тема урока:

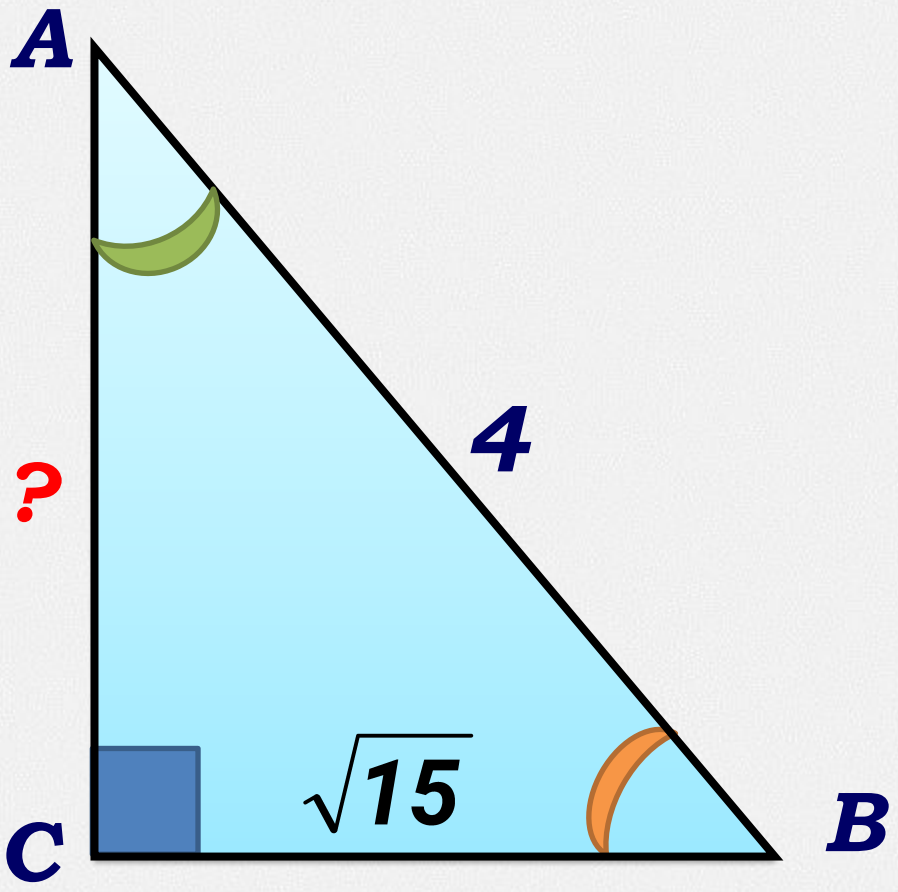
Решение задач по теме «Соотношения в прямоугольном треугольнике».

Урок геометрии в 8 классе.

№ 1

Дано: ΔABC, $\angle C = 90^0$, $\sin A = \frac{\sqrt{15}}{4}$

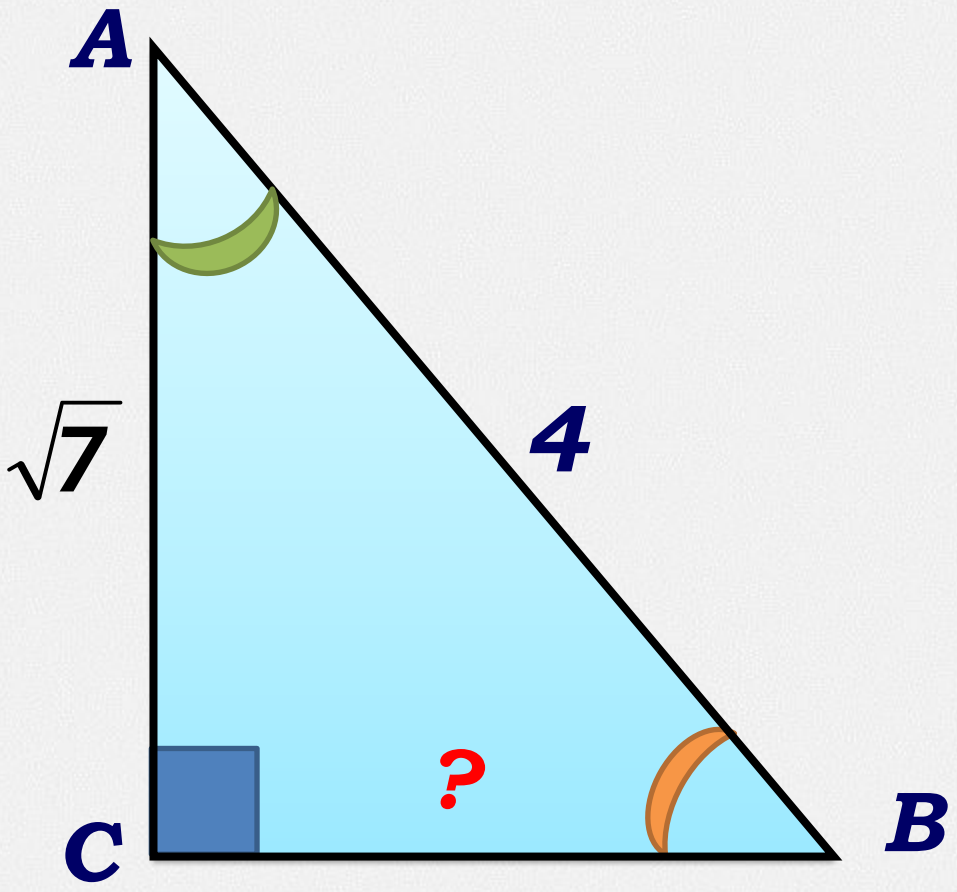
Найти: $\cos A$.



№ 2

Дано: ΔABC, $\angle C = 90^0$, $\cos A = \frac{\sqrt{7}}{4}$

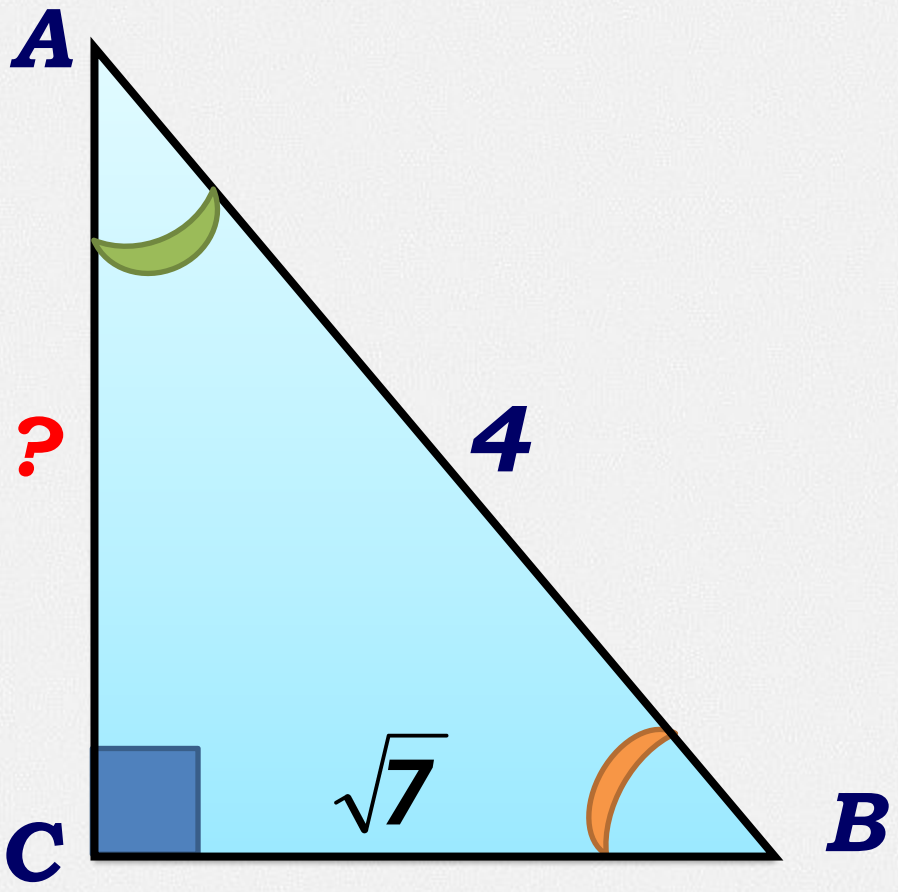
Найти: $\sin A$.



№ 3

Дано: ΔABC, $\angle C = 90^0$, $\sin A = \frac{\sqrt{7}}{4}$

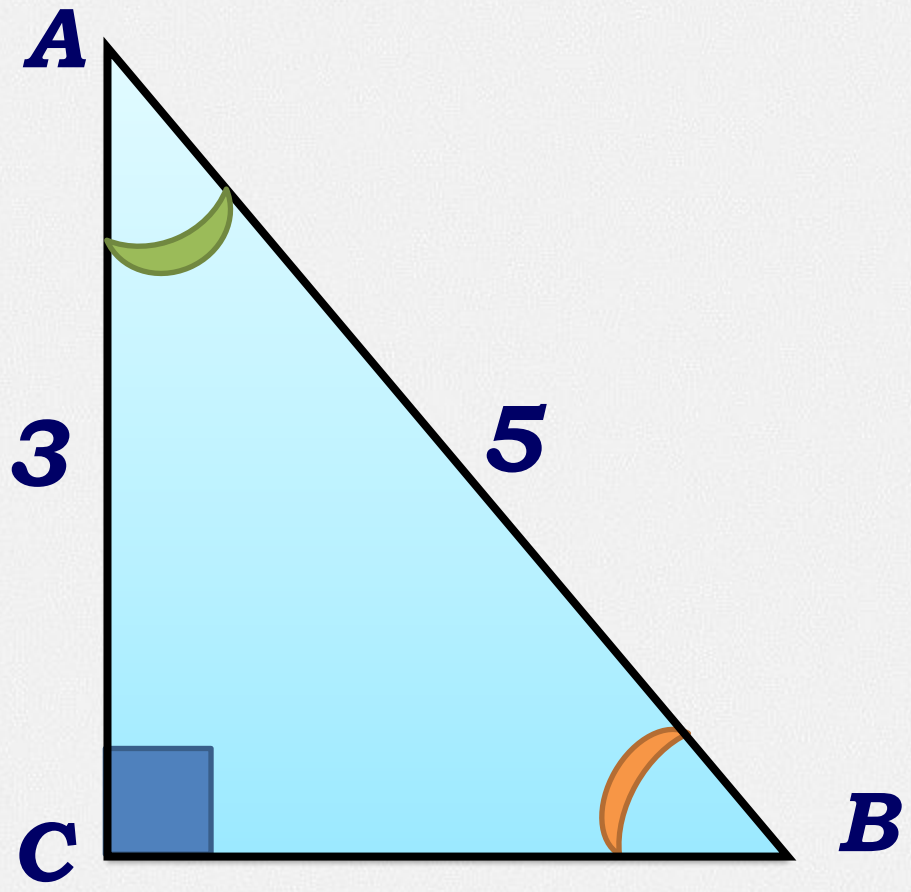
Найти: $\sin B$.

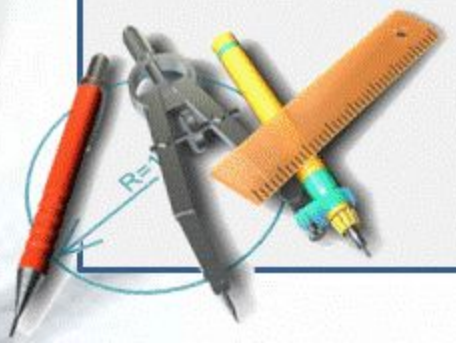


№ 4

Дано: ΔABC, $\angle C = 90^0$, $\cos A = \frac{3}{5}$

Найти: $\sin B$.

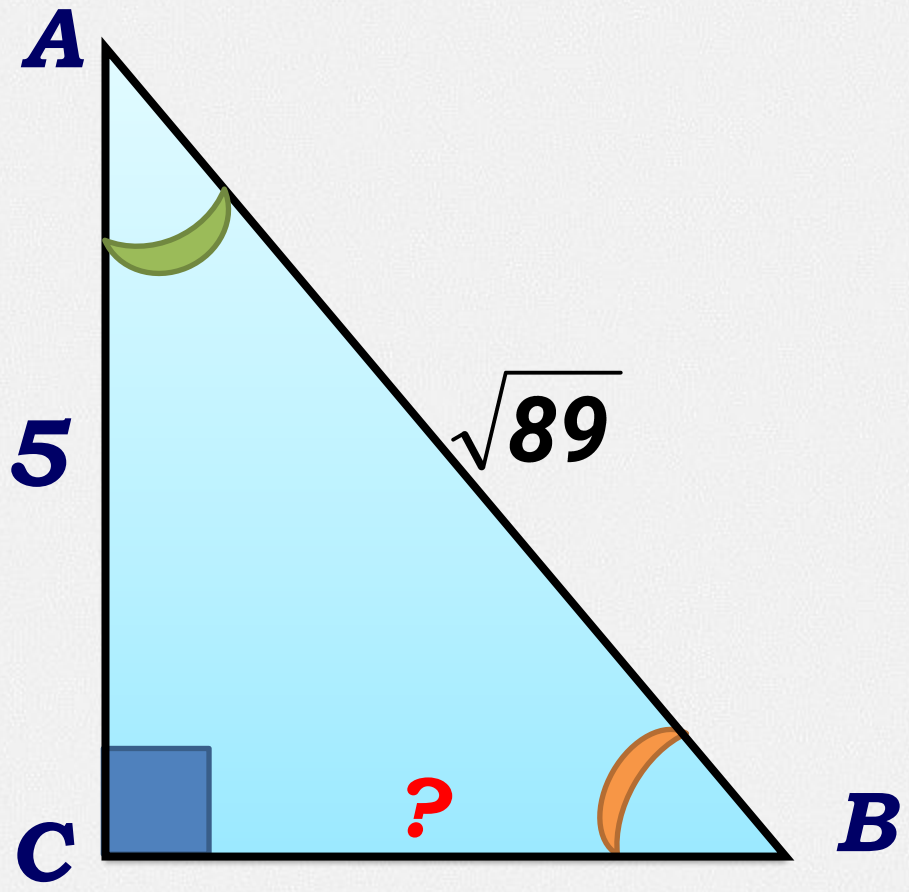




№ 5

Дано: ΔABC, $\angle C = 90^0$, $\cos A = \frac{5}{\sqrt{89}}$

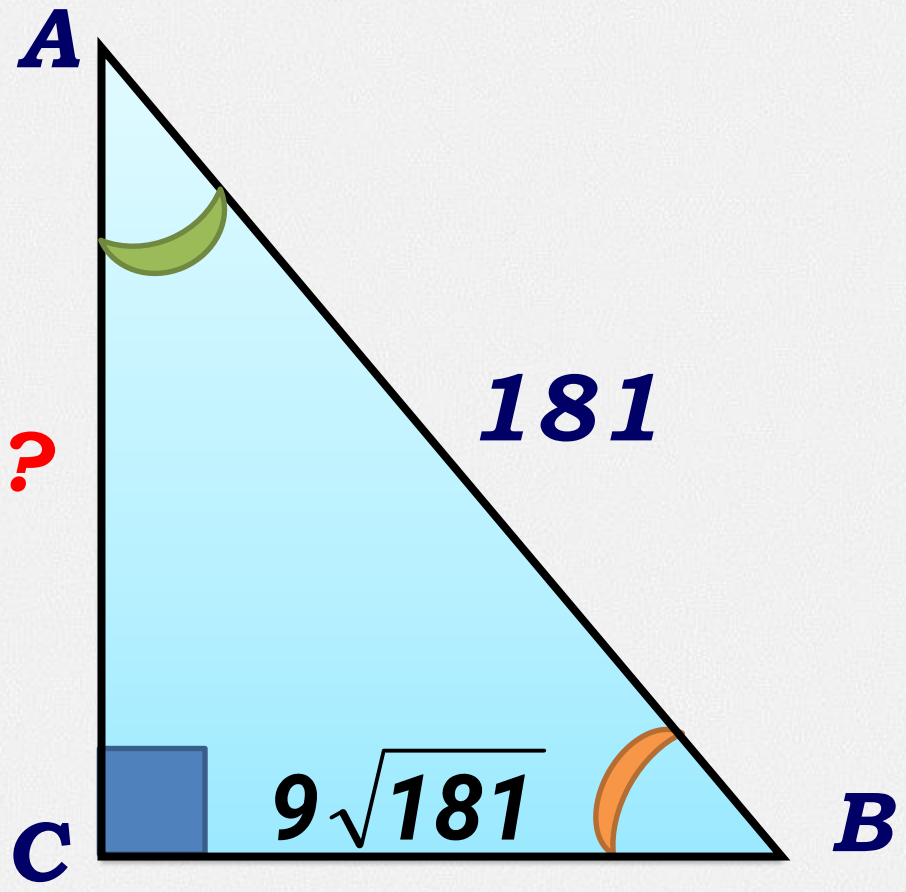
Найти: tg A.



№ 6

Дано: ΔABC, $\angle C = 90^0$, $\sin A = \frac{9\sqrt{181}}{181}$

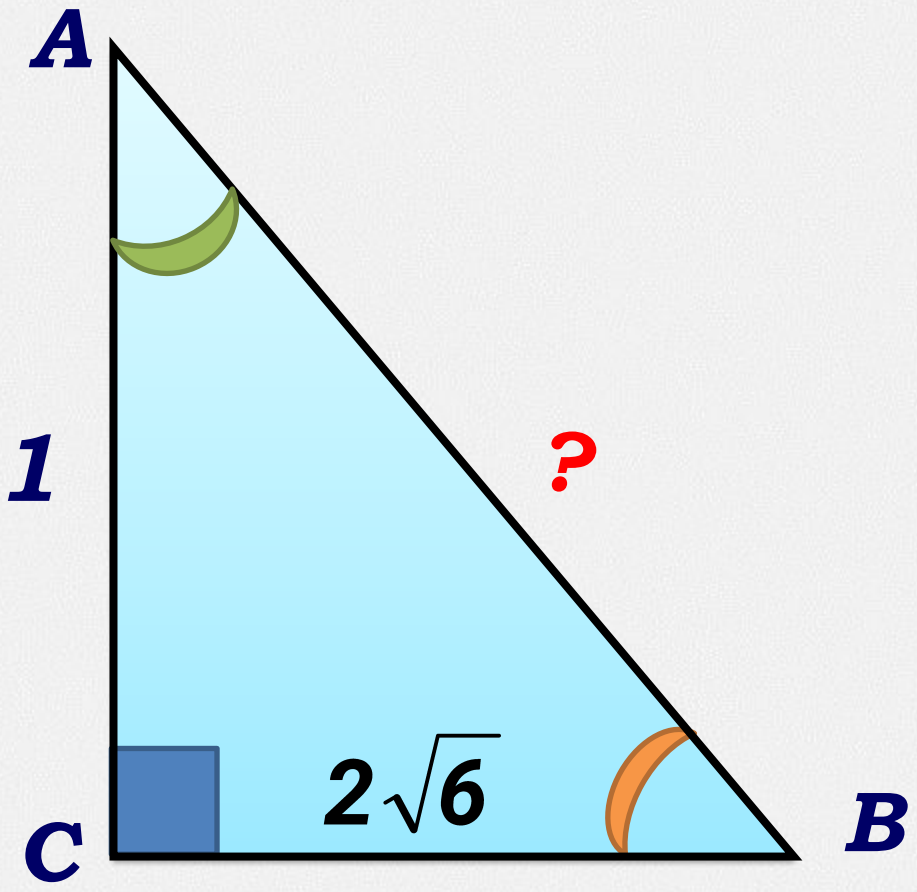
Найти: tg A.

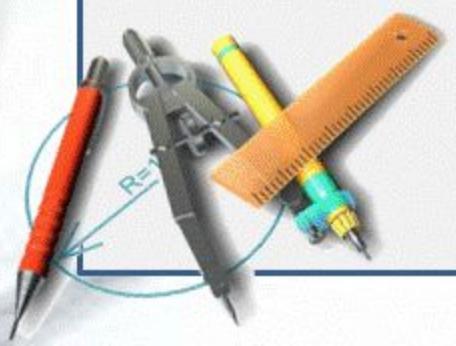


№ 7

Дано: ΔABC, ∠C = 90⁰, tg A = $2\sqrt{6}$

Найти: cos A.

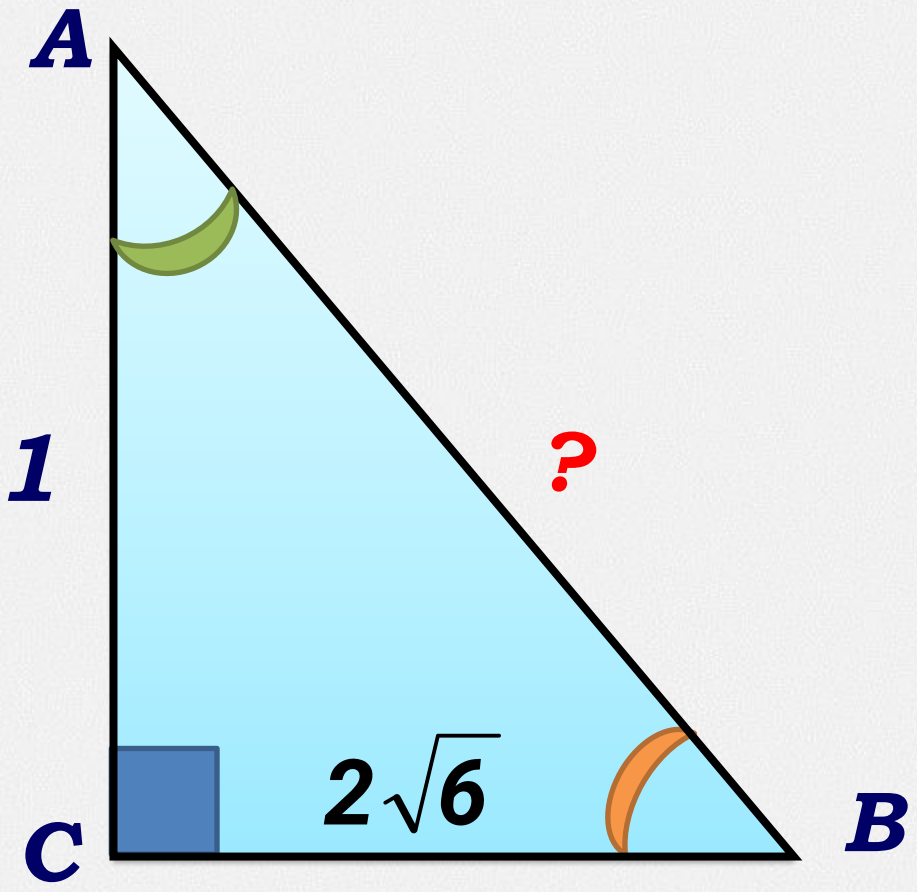


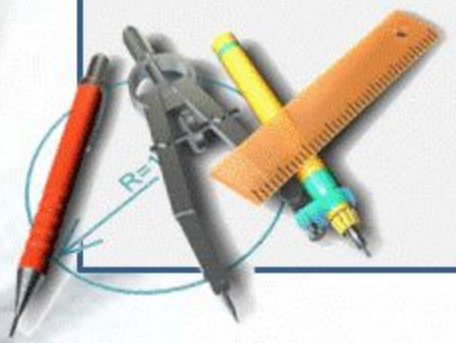


№ 8

Дано: ΔABC, $\angle C = 90^0$, $tg\ A = 2\sqrt{6}$

Найти: sin B.

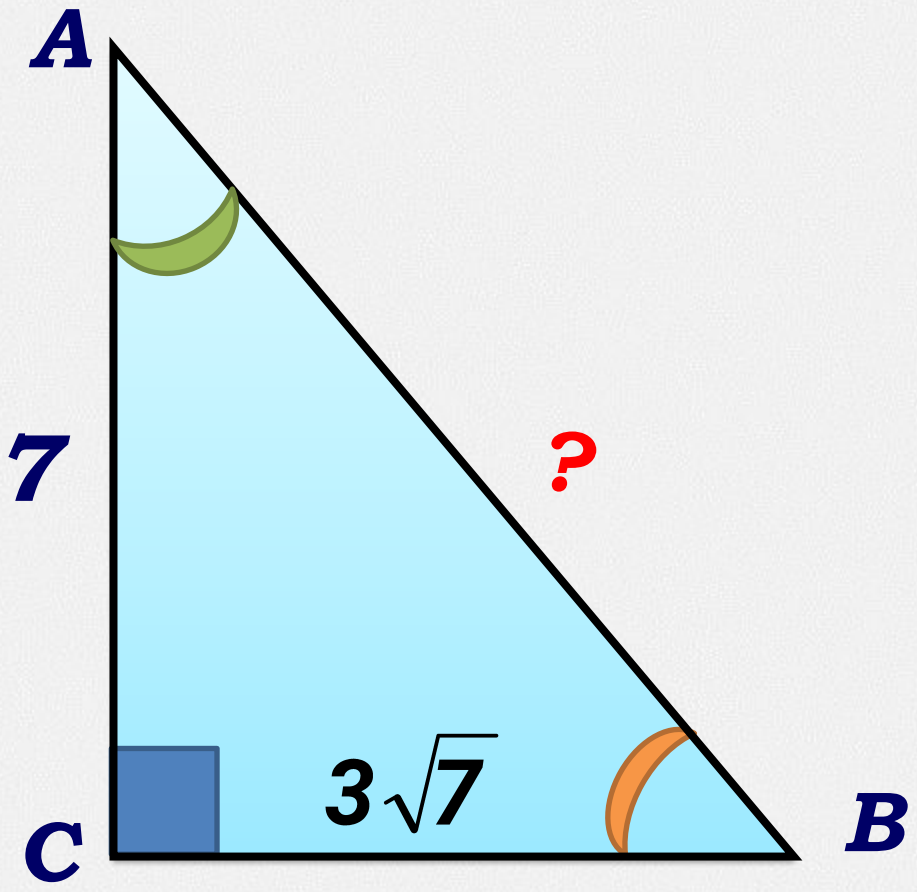


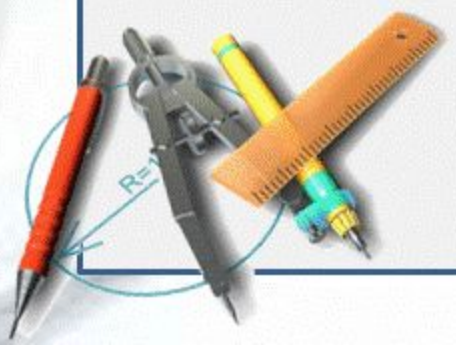


№ 9

Дано: ΔABC, $\angle C = 90^0$, $tg\ A = \frac{3\sqrt{7}}{7}$

Найти: $\cos B$.





№ 10

Дано: ΔABC, $\angle C = 90^0$, $tg\ A = \frac{3\sqrt{7}}{7}$

Найти: $\cos B$.