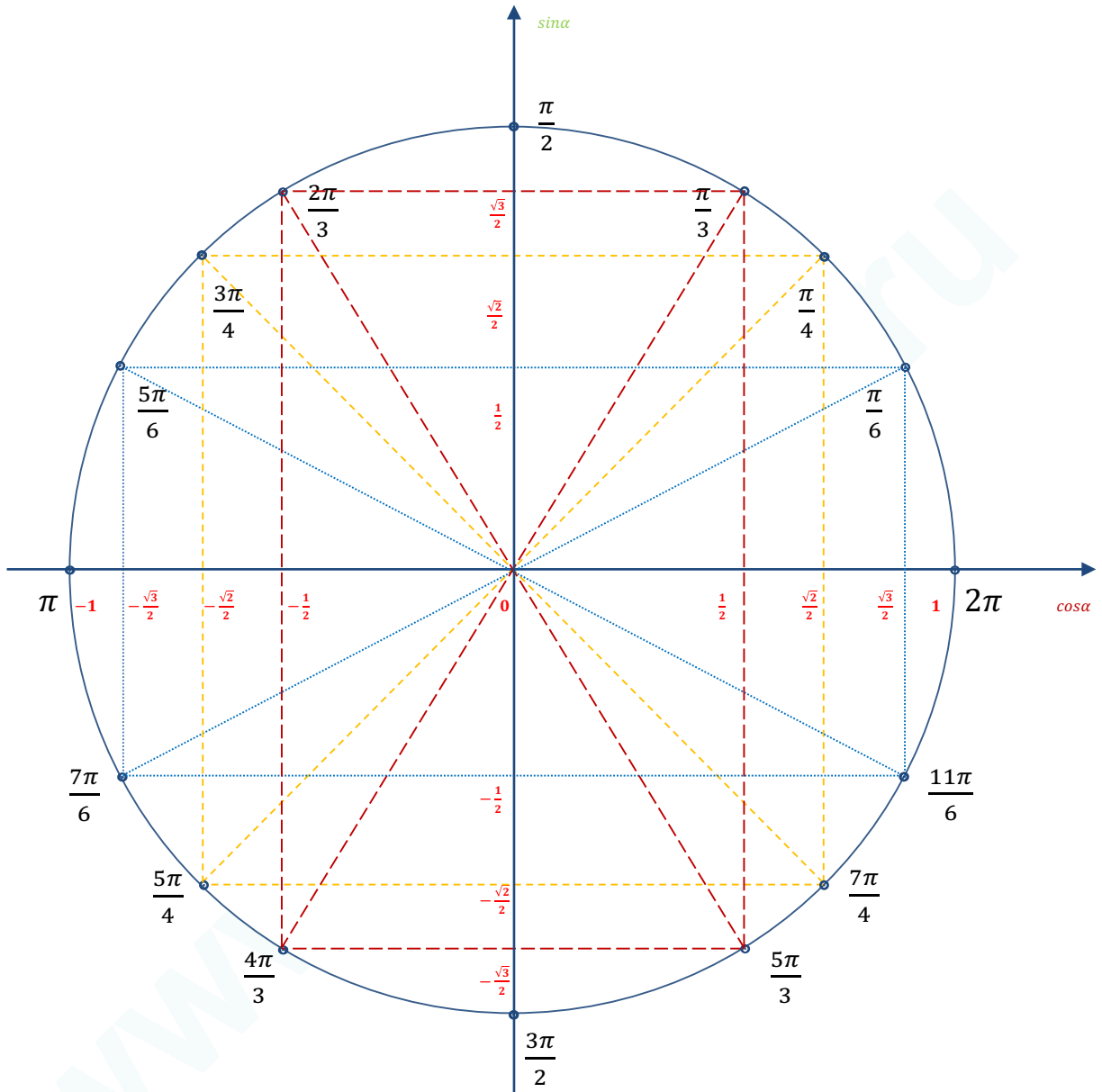


# Математика ЕГЭ

## Тригонометрический круг



Тригонометрический круг

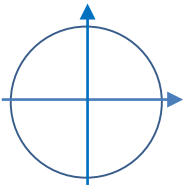
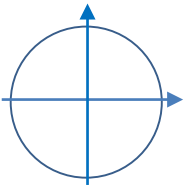
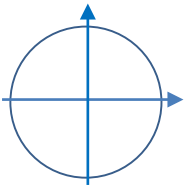
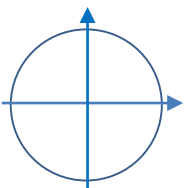
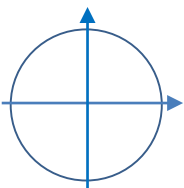

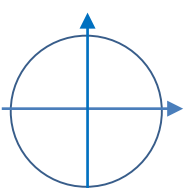

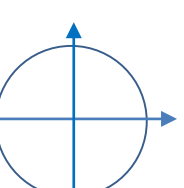

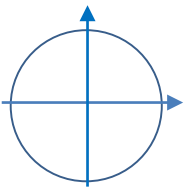
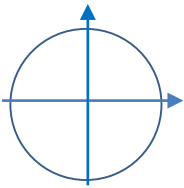
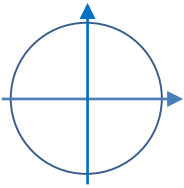
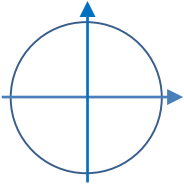
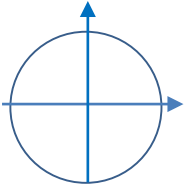
**Проверь себя!** Решите упражнения 1.1. - 1.3.

Упражнение 1.1. Заполните таблицу.

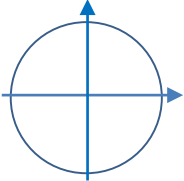
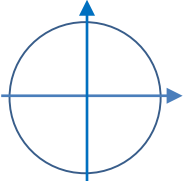
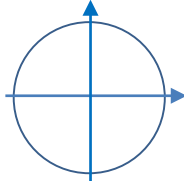
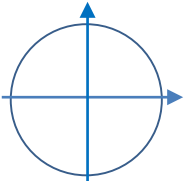
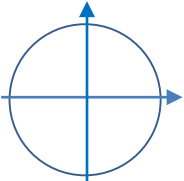

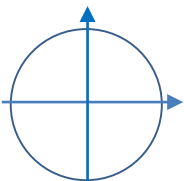
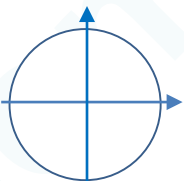
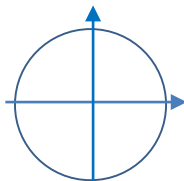
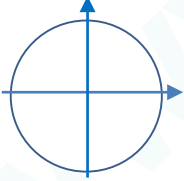
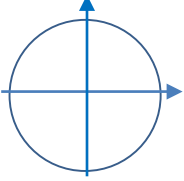
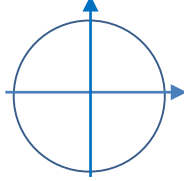
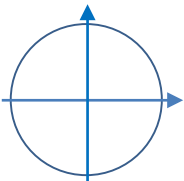
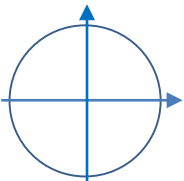
Заполните таблицу

	градусы	радианы
	12°	
	18°	
	30°	
	36°	
	24°	
	60°	
	-144°	
	240°	
	270°	
	-540°	
		$\frac{\pi}{15}$
		$\frac{7\pi}{15}$
		$\frac{6\pi}{5}$
		$\frac{7\pi}{4}$
		$\frac{5\pi}{6}$
		$\frac{\pi}{18}$
		$\frac{5\pi}{12}$
		$\frac{9\pi}{2}$
		$\frac{\pi}{20}$
		$\frac{5\pi}{3}$
		$\frac{8\pi}{3}$
		$\frac{11\pi}{15}$
		$-\frac{7\pi}{10}$
		$-\frac{3\pi}{2}$
		$\frac{10\pi}{3}$
		$-\frac{5\pi}{2}$
		$\frac{7\pi}{6}$

**Упражнение 1.2.** Отметьте точку на окружности.

<p>№1</p> <p>30°</p> 	<p>№2</p> <p>45°</p> 	<p>№3</p> <p>120°</p> 
<p>№4</p> <p>270°</p> 	<p>№5</p> <p>135°</p> 	<p>№6</p> <p>360°</p> 
<p>№7</p> <p>-60°</p> 	<p>№8</p> <p>-90°</p> 	<p>№9</p> <p>-180°</p> 
<p>№10</p> <p>-225°</p> 	<p>№11</p> <p>-315°</p> 	<p>№12</p> <p>540°</p> 
<p>№13</p> <p>-360°</p> 	<p>№14</p> <p>-240°</p> 	<p>№15</p> <p>-270°</p> 

Упражнение 1.3. Отметьте точку на окружности.

<p>№1</p> <p><math>\frac{\pi}{2}</math></p> 	<p>№2</p> <p><math>\frac{\pi}{6}</math></p> 	<p>№3</p> <p><math>\frac{\pi}{5}</math></p> 
<p>№4</p> <p><math>\frac{2\pi}{3}</math></p> 	<p>№5</p> <p><math>\frac{3\pi}{2}</math></p> 	<p>№6</p> <p><math>\frac{7\pi}{2}</math></p> 
<p>№7</p> <p><math>\frac{5\pi}{3}</math></p> 	<p>№8</p> <p><math>-\frac{5\pi}{2}</math></p> 	<p>№9</p> <p><math>3\pi</math></p> 
<p>№10</p> <p><math>\frac{3\pi}{4}</math></p> 	<p>№11</p> <p><math>-\frac{\pi}{4}</math></p> 	<p>№12</p> <p><math>-\frac{11\pi}{4}</math></p> 
<p>№13</p> <p><math>-\frac{\pi}{3}</math></p> 	<p>№14</p> <p><math>-\frac{9\pi}{2}</math></p> 	<p>№15</p> <p><math>-\pi</math></p> 