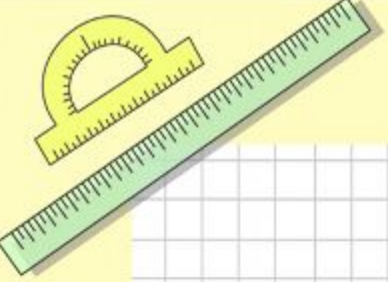
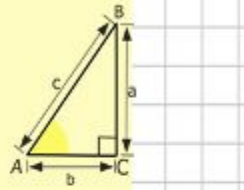
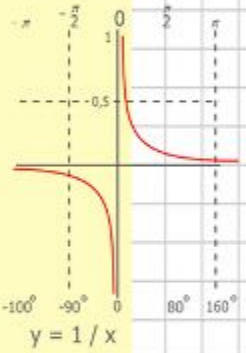
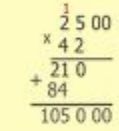




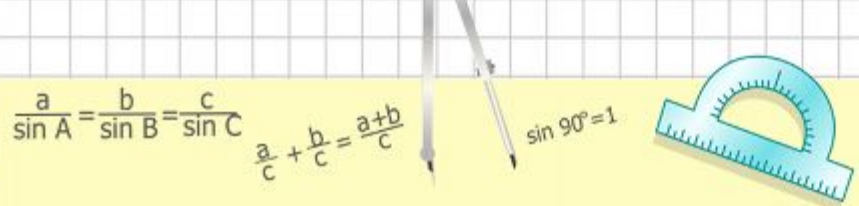


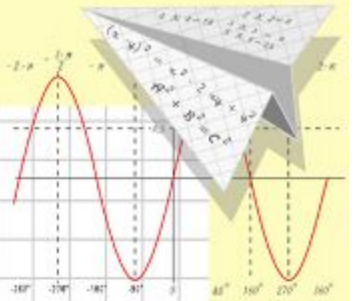


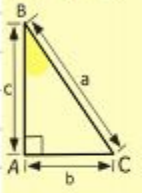
Урок по наглядной геометрии

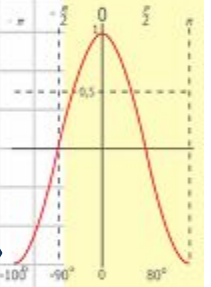
3 класс

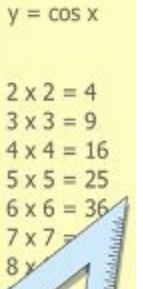
Учитель МБОУ «СОШ № 32»
Энгельсского района
Саратовской области
Витулева С.В.





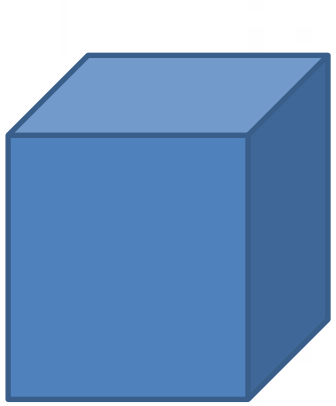


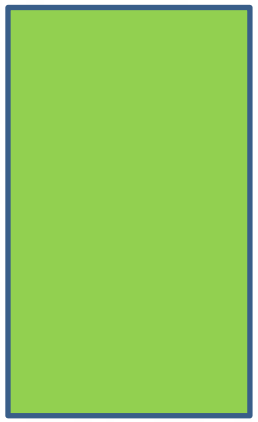


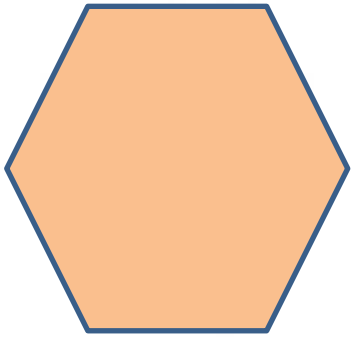


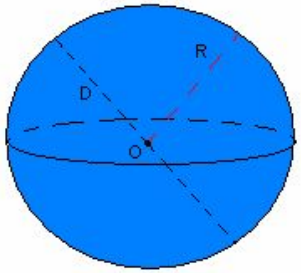
Разминка

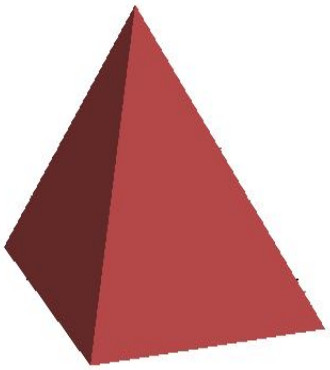
Разделите на группы

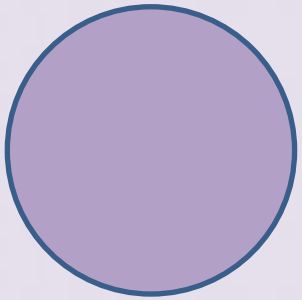


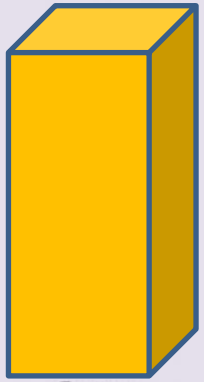


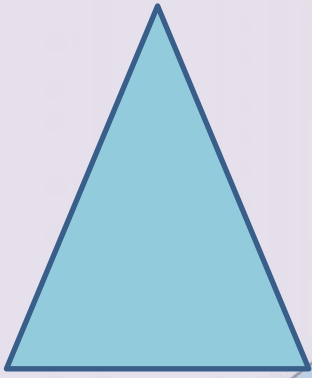




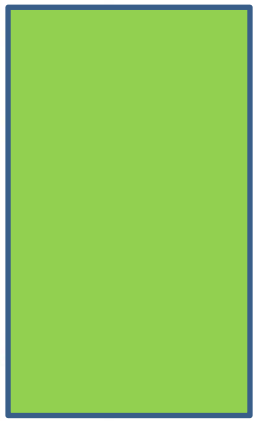
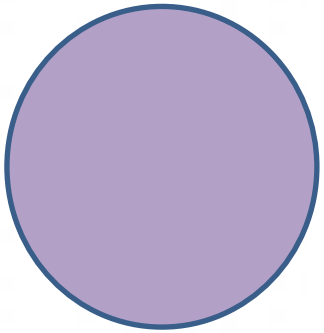
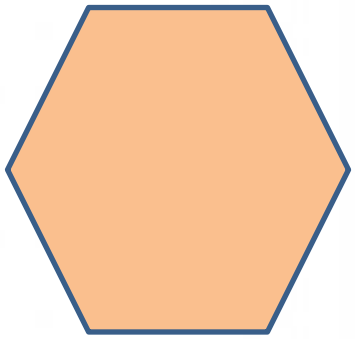
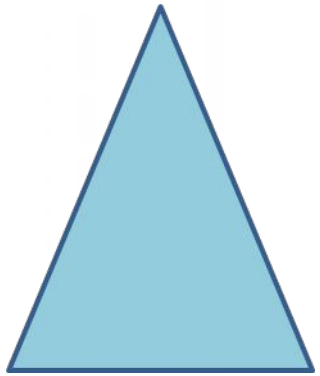




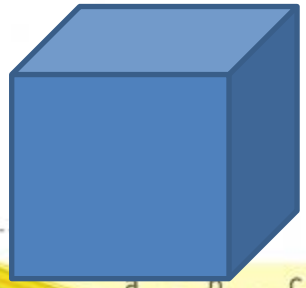
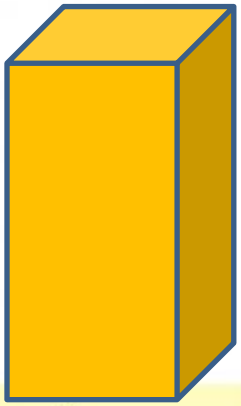
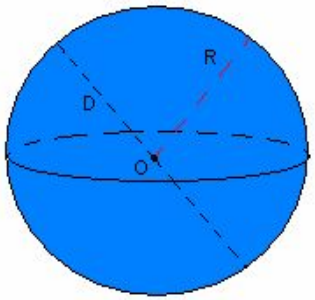


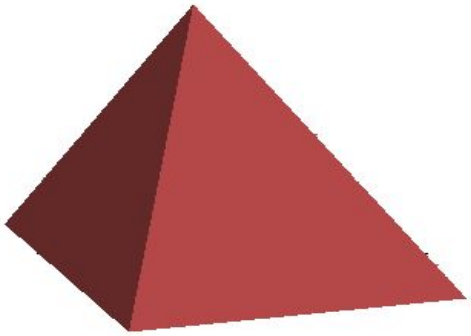


Плоские геометрические фигуры

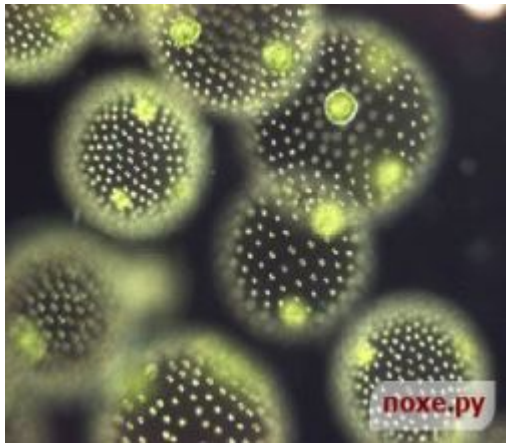





Объёмные геометрические тела

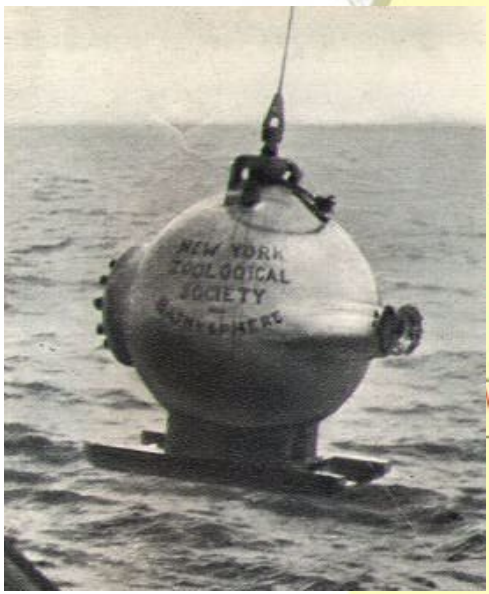






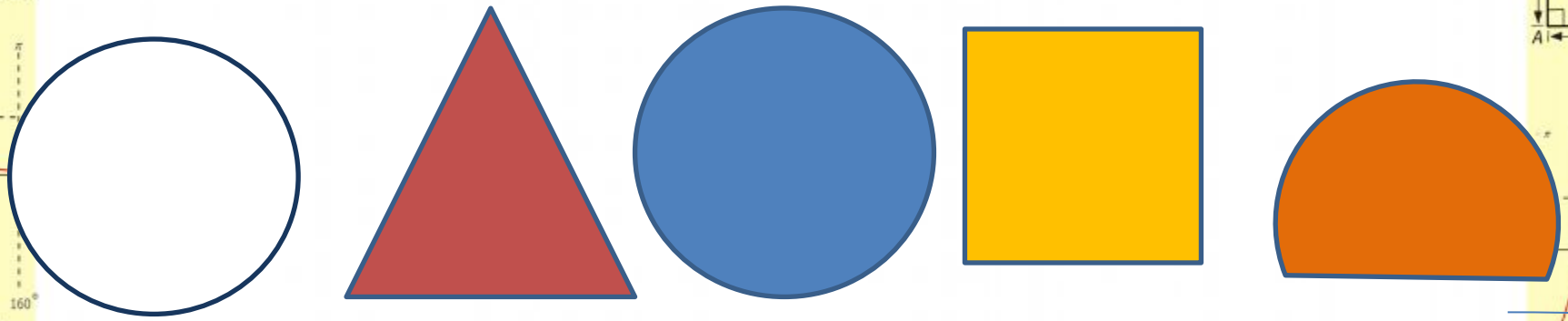
Шар и сфера в окружающей природе



Шар и сфера в жизни человека



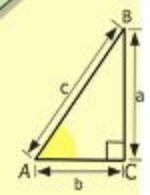
Выбери фигуру, которая является пересечением шара с плоскостью

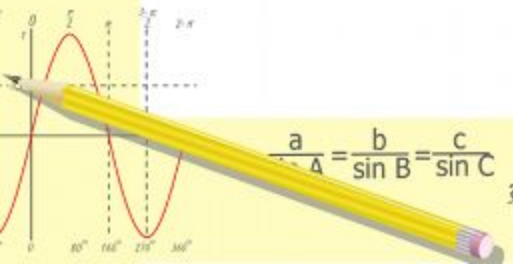


Выбери фигуру, которая является пересечением сферы с плоскостью

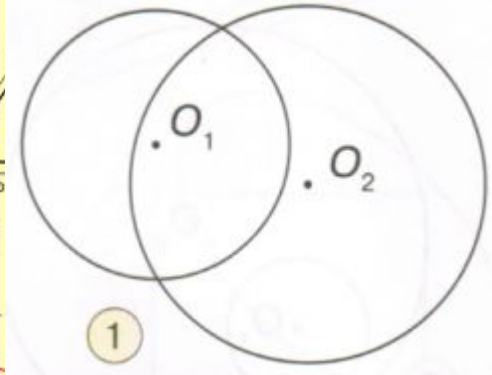
Тема урока:

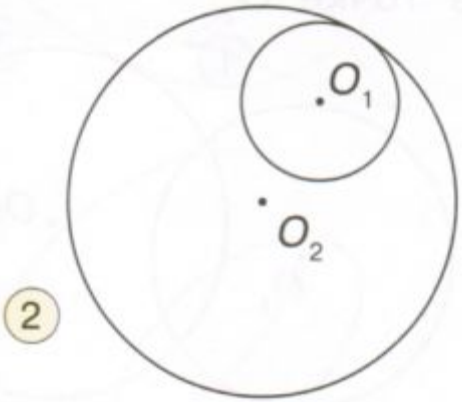
Взаимное расположение окружности и круга

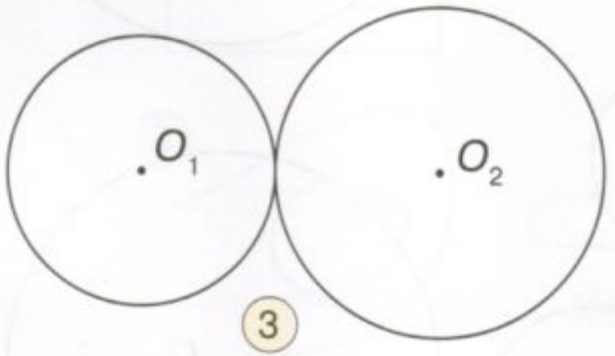


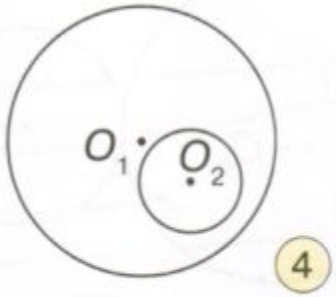


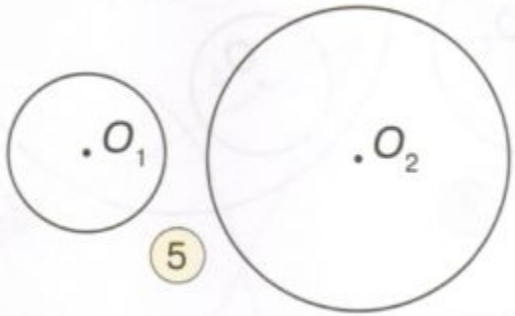
36 а) Выдели красным цветом границу фигуры, которая является пересечением двух кругов с центрами в точках O_1 и O_2.

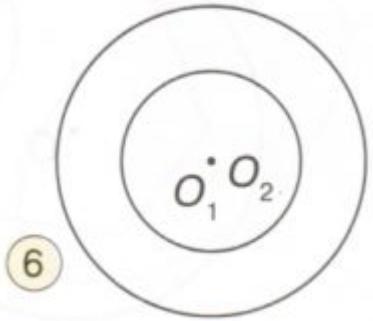


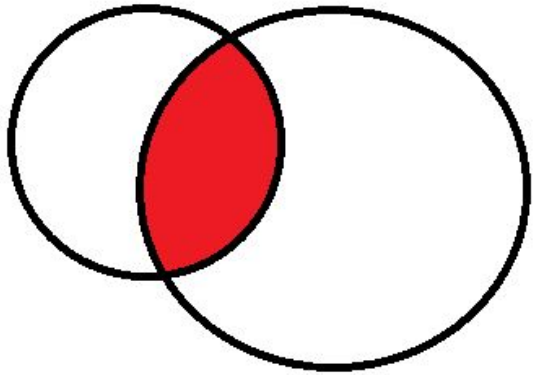




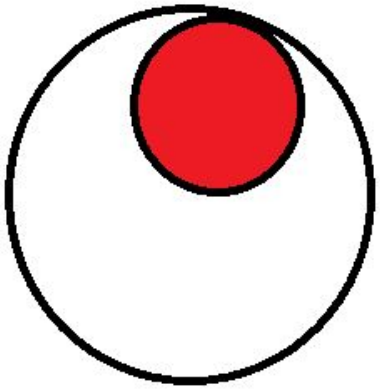








1



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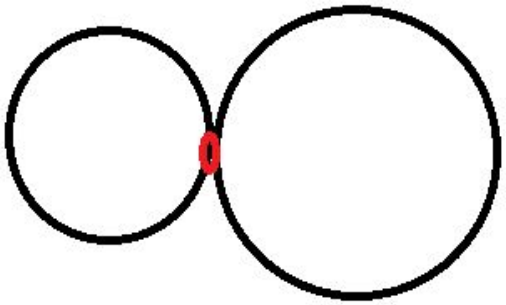

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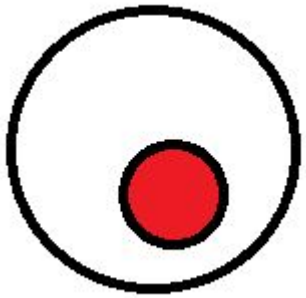

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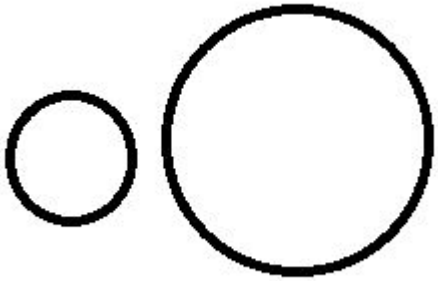

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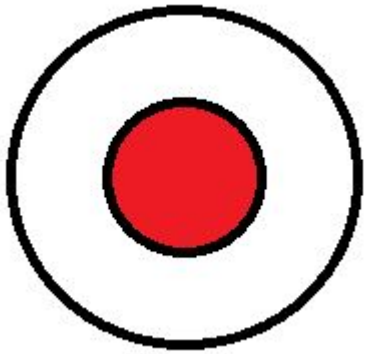
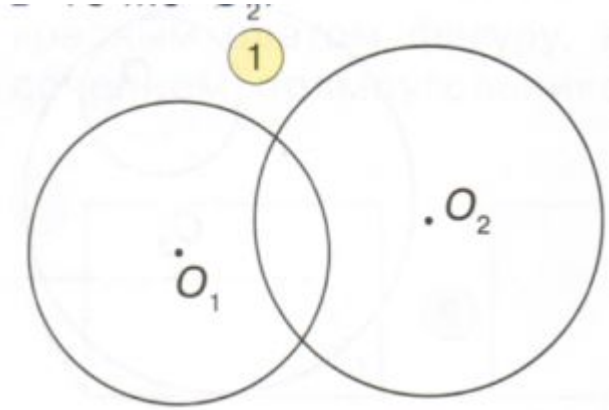
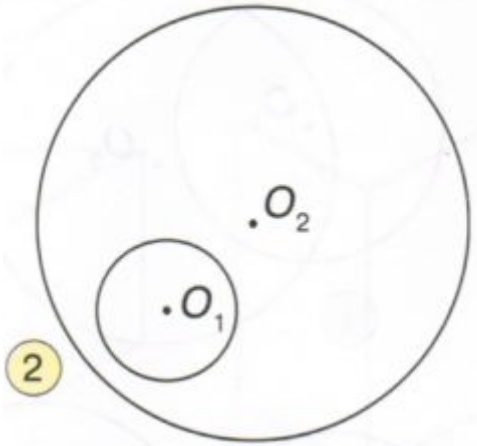
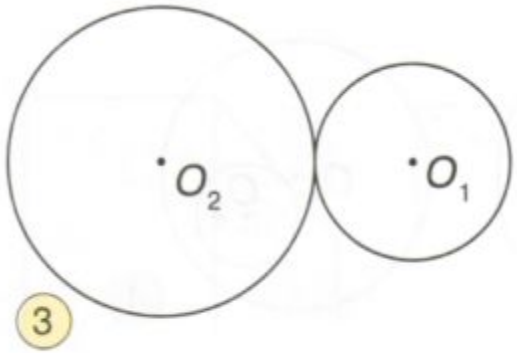


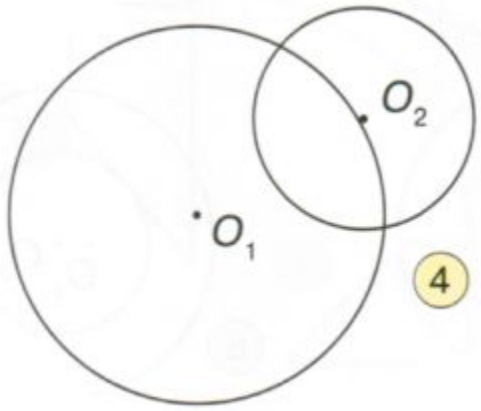
6

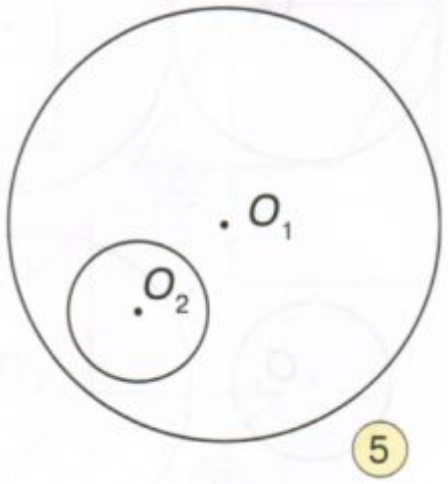
37 **а)** Выдели красным цветом фигуру, которая является пересечением круга с центром в точке O_1 и окружности с центром в точке O_2.

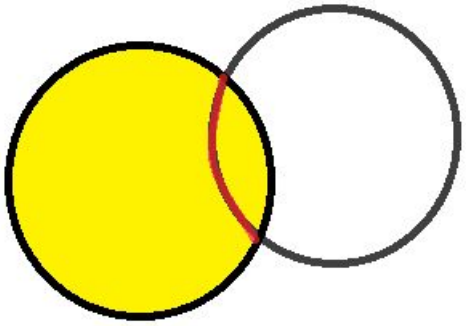




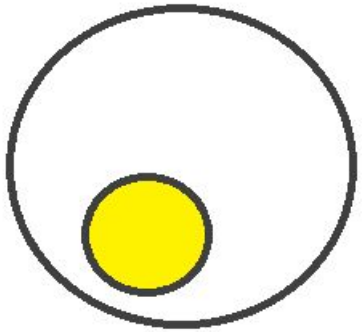








1



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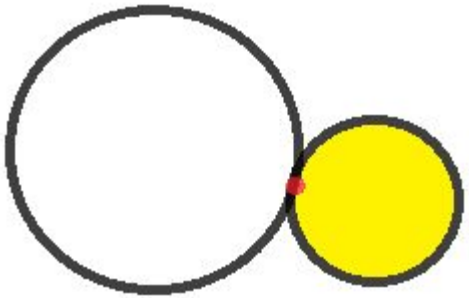

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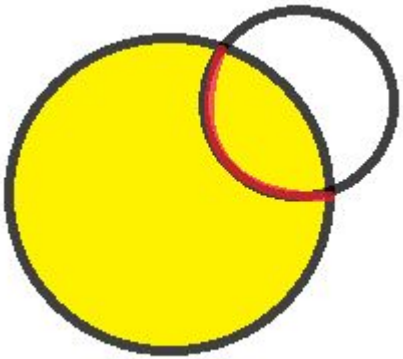

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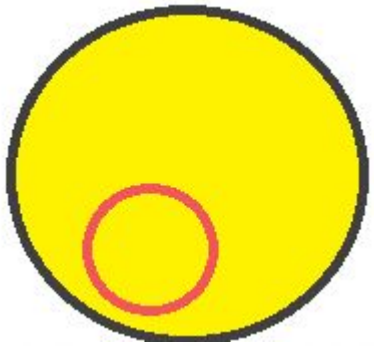


5

$$\frac{a}{\sin A}=\frac{b}{\sin B}=\frac{c}{\sin C}$$

$$\frac{a}{c}+\frac{b}{c}=\frac{a+b}{c}$$

$\sin 90^\circ = 1$

$$\begin{cases} y=\sin 90 \\ x=25y+45 \end{cases}$$

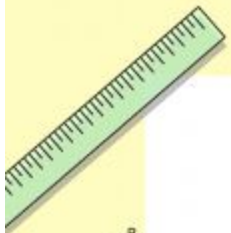
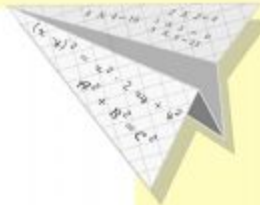
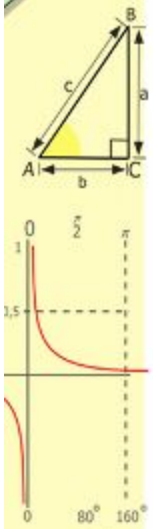
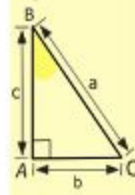
$$\begin{cases} y=1 \\ x=25+45 \end{cases}$$

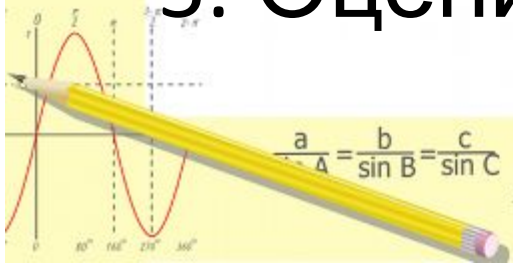
$x=70$

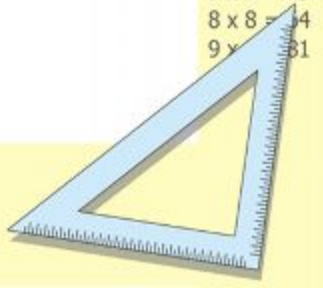
$$(x+y)(x-y)=x^2-y^2$$

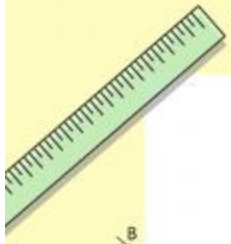
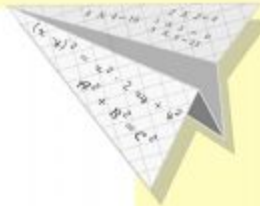
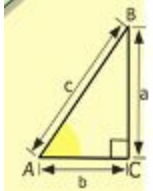
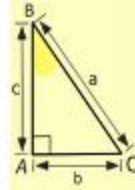
Итог урока:

1. Какую цель ставили?
2. Какие задания выполнялись легко?
3. Какие задания вызвали трудности?
4. Над чем ещё надо поработать?
5. Оцените свою работу.





Спасибо за урок!