

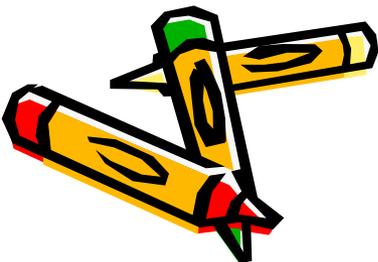
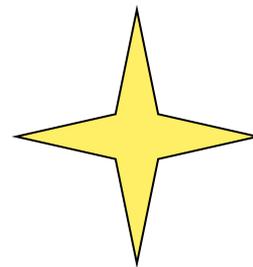
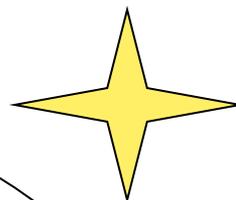
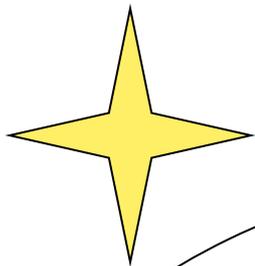
Творческая работа

ПРИЗНАКИ ПАРАЛЛЕЛЬНОСТИ ПРЯМЫХ.

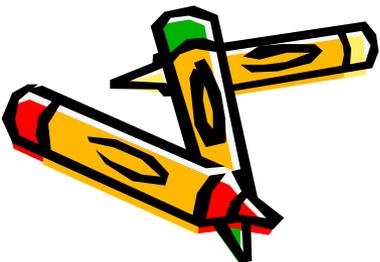
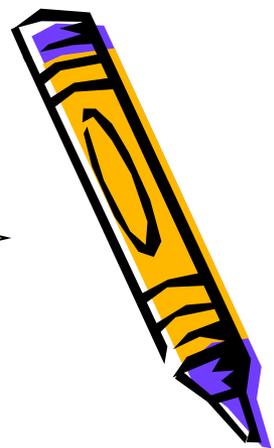
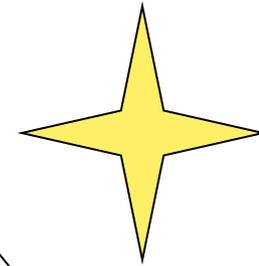
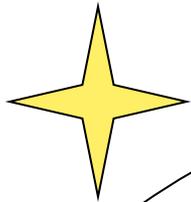
Проект подготовила:
Ученица 7 класса
МОУ Петровская СОШ
Спиридоновой Анны.



Понятие параллельности
нам давно известно. А
учёные знали его уже
2500 лет назад.



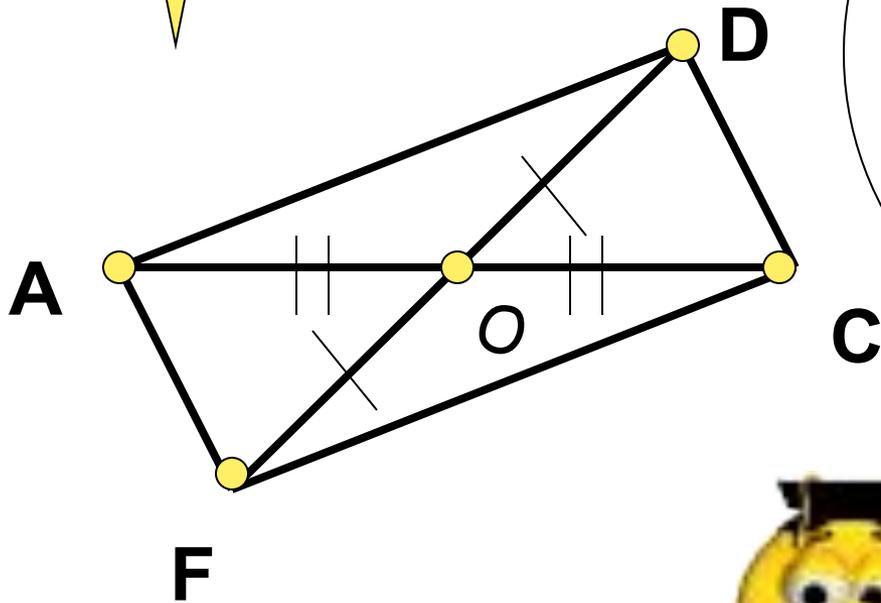
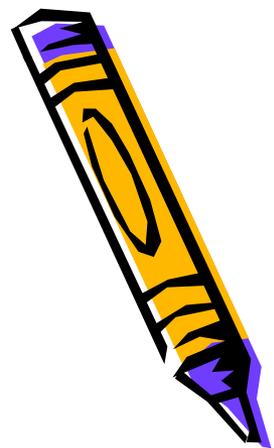
Греческое слово параллелой, означающее рядом идущие, друг подле друга проведенные (прямые), стало употребляться в качестве геометрического термина ещё 2500 лет назад в школе Пифагора.





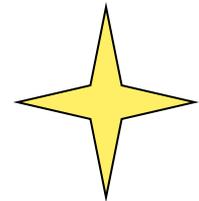
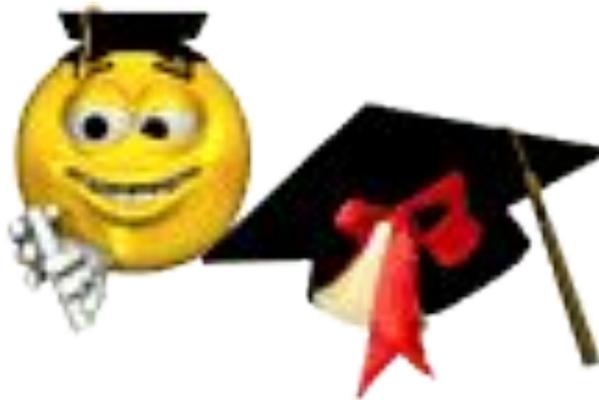
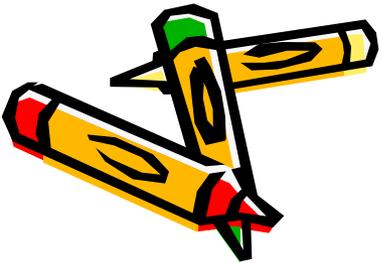
Задача №1

Задача №1



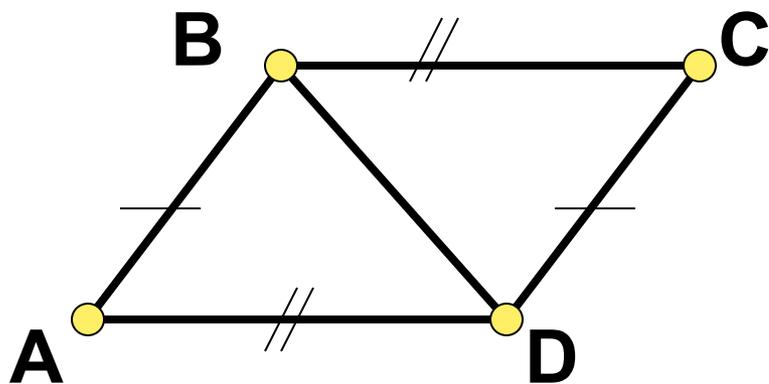
Дано: $ADCF$ -
прямоугольник
 $AO=OC$; $DO=OF$

Доказать:
 $AD \parallel FC$; $AF \parallel CD$



Задача №2

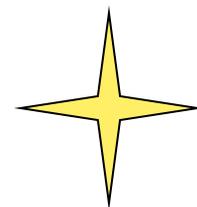
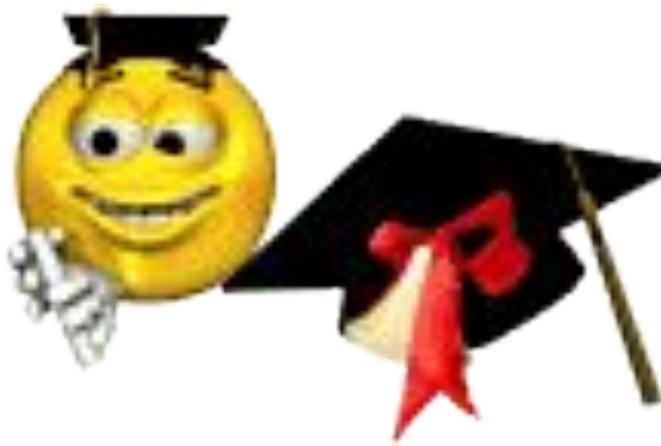
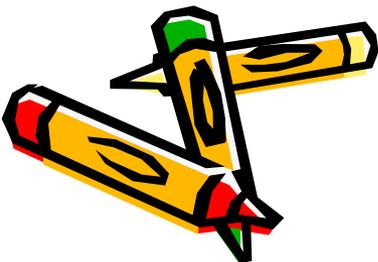
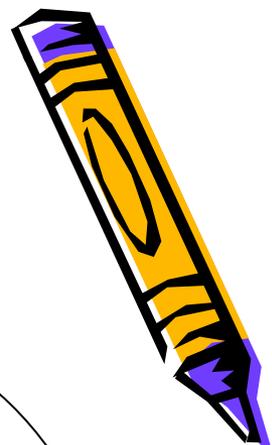
Задача №2



Дано: $AB=CD$,
 $AD=BC$

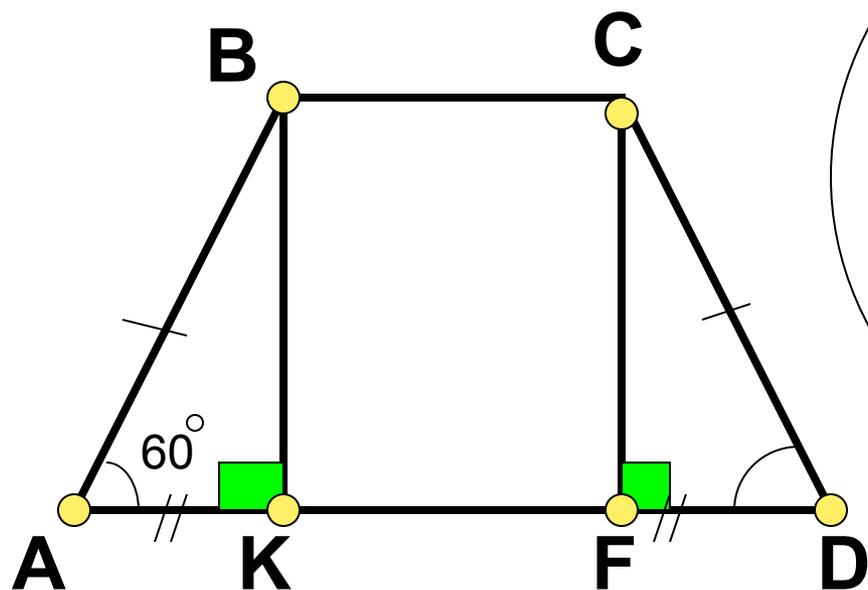
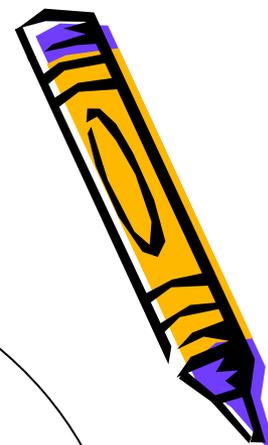
Доказать:

$BC \parallel AD$; $AB \parallel CD$



Задача №3

Задача №3

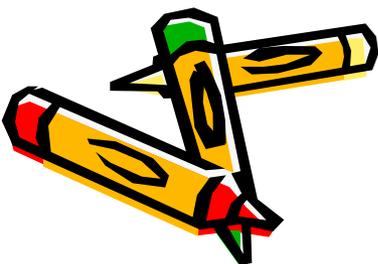


Дано: $AB=CD$;
 $AK=FD$;
 $\angle BAK = \angle CDF = 60^\circ$

Доказать:

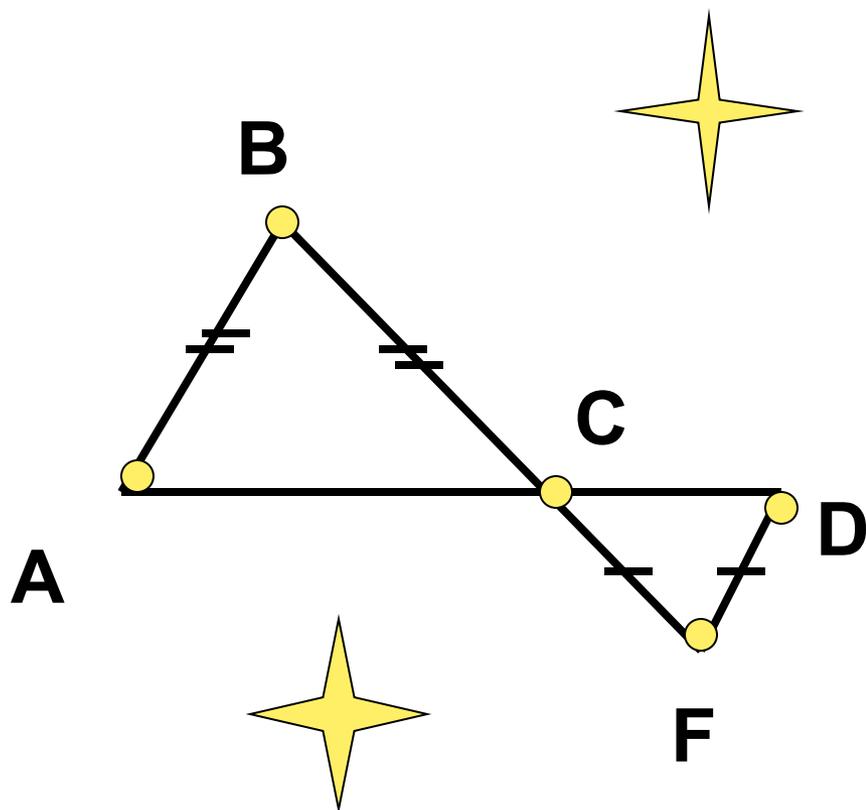
$BK \parallel CF$

Найти: $\angle D$



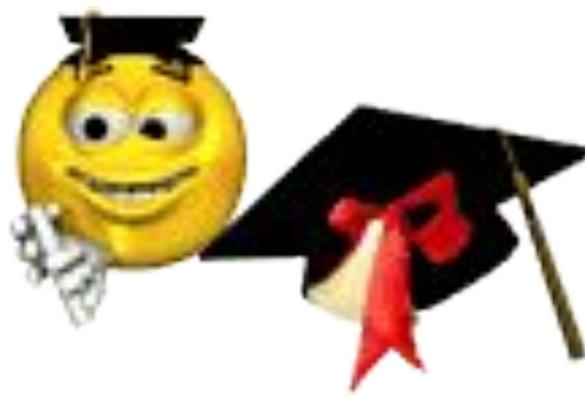
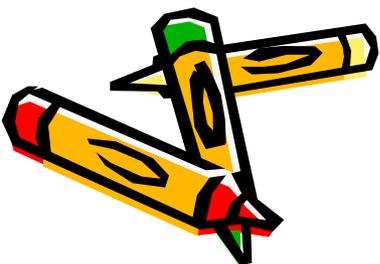
Задача №4

Задача №4



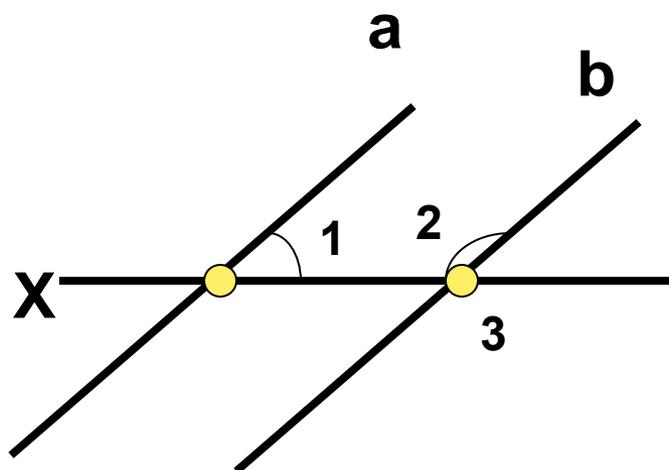
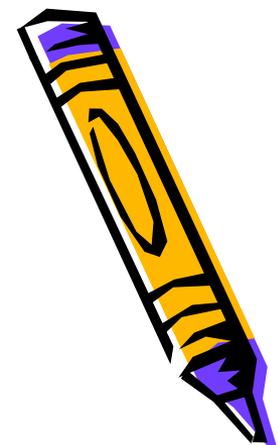
Дано: $BA = BC$;
 $CF = FD$

Доказать:
 $AB \parallel DF$



Задача №5

Задача №5

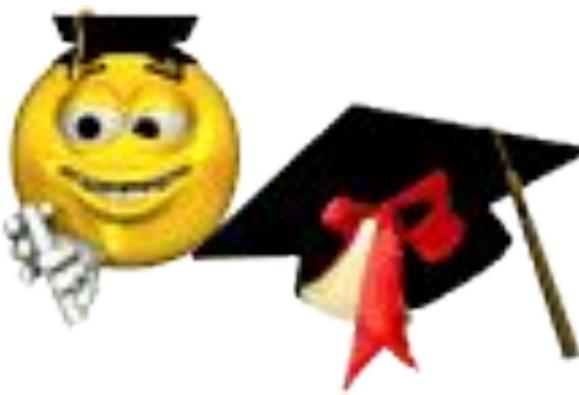
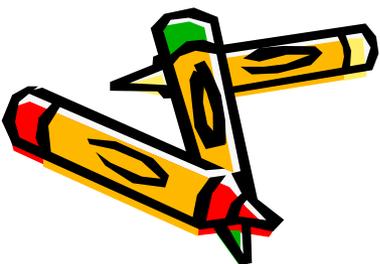


Дано:

$a \parallel b$;

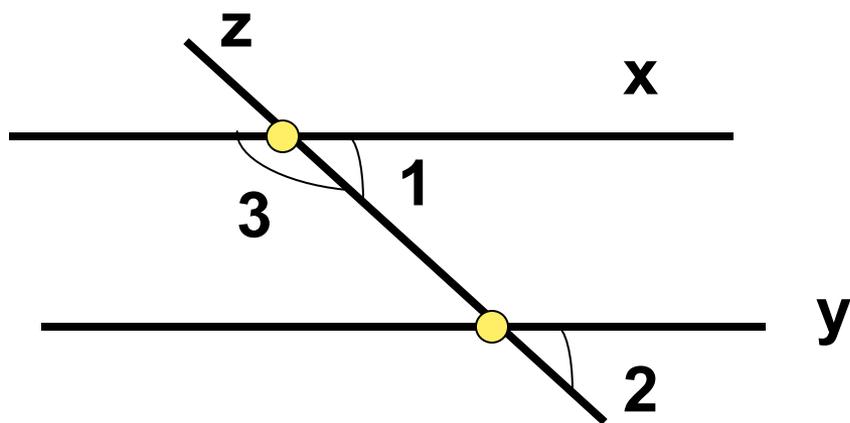
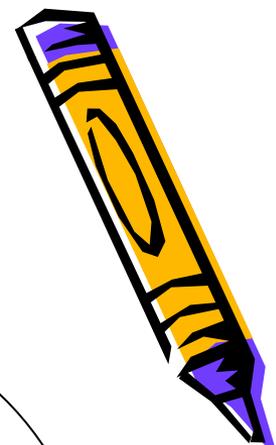
$$\angle 1 : \angle 2 = 2 : 7$$

Найти: $\angle 3$

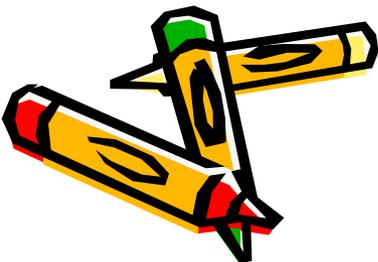
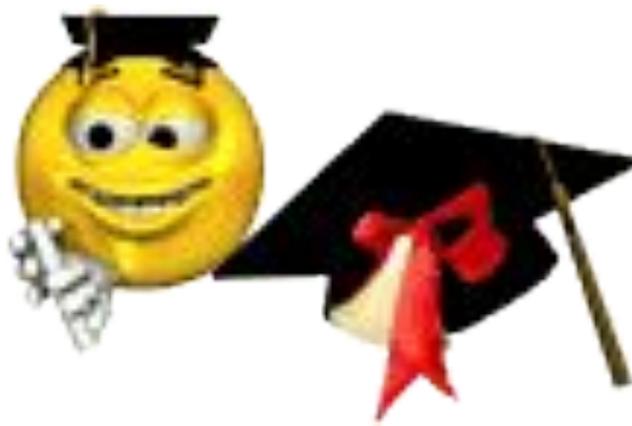


Задача №6

Задача №6

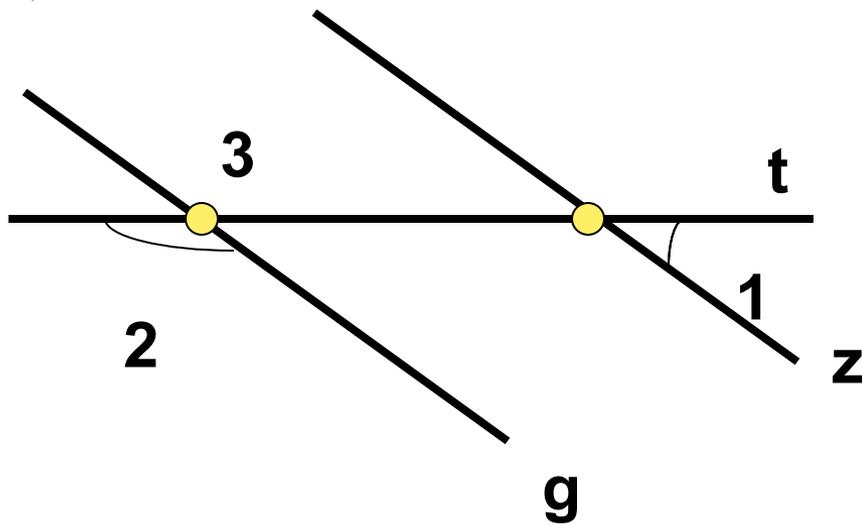


Дано: $x \parallel y$
 $\angle 1 : \angle 2 = 2 : 7$
Найти: $\angle 3$

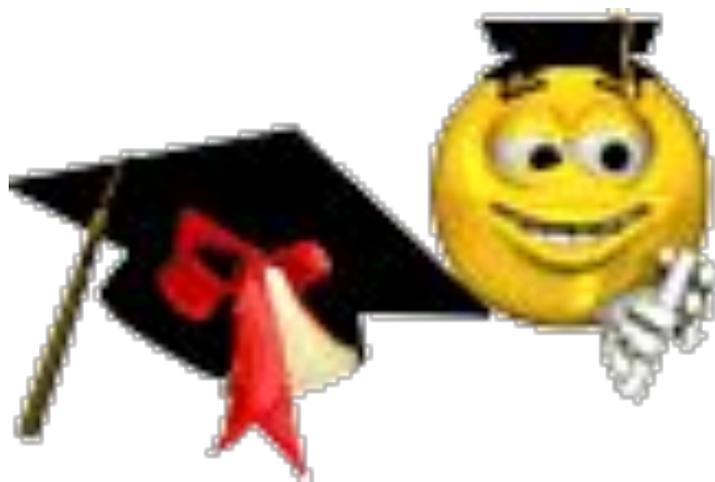
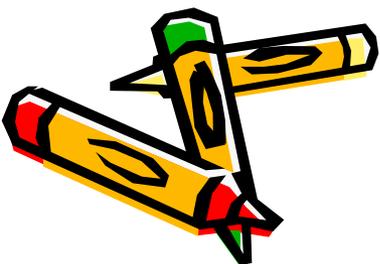
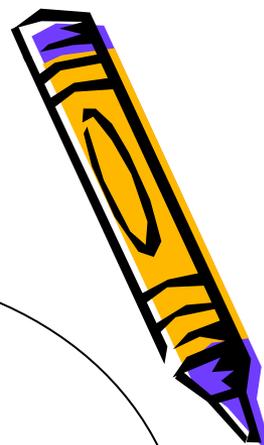


Задача №7

Задача №7

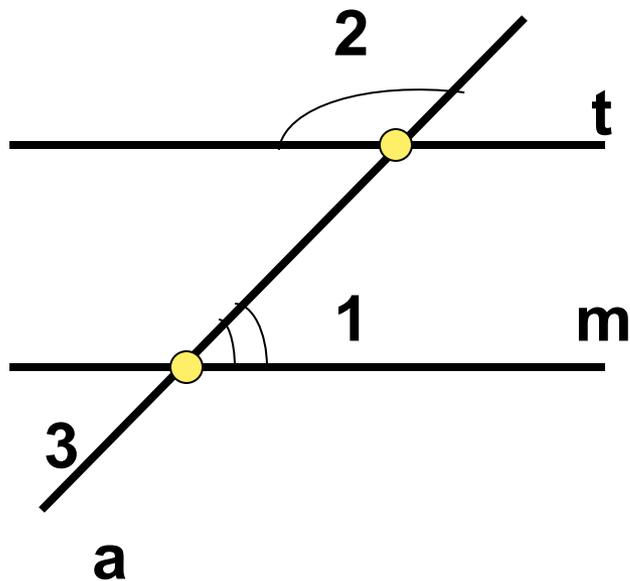


Дано: $x \parallel y$
 $\angle 1 : \angle 2 = 2 : 7$
Найти: $\angle 3$



Задача №8

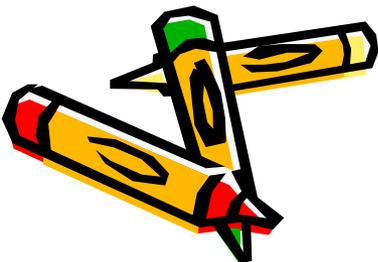
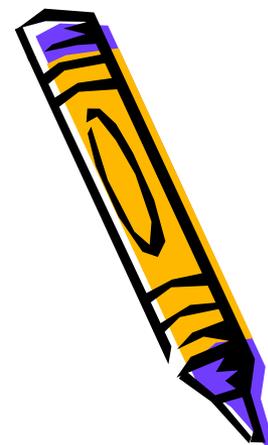
Задача №8



Дано: $t \parallel m$

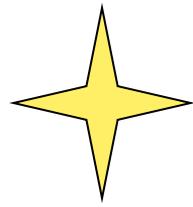
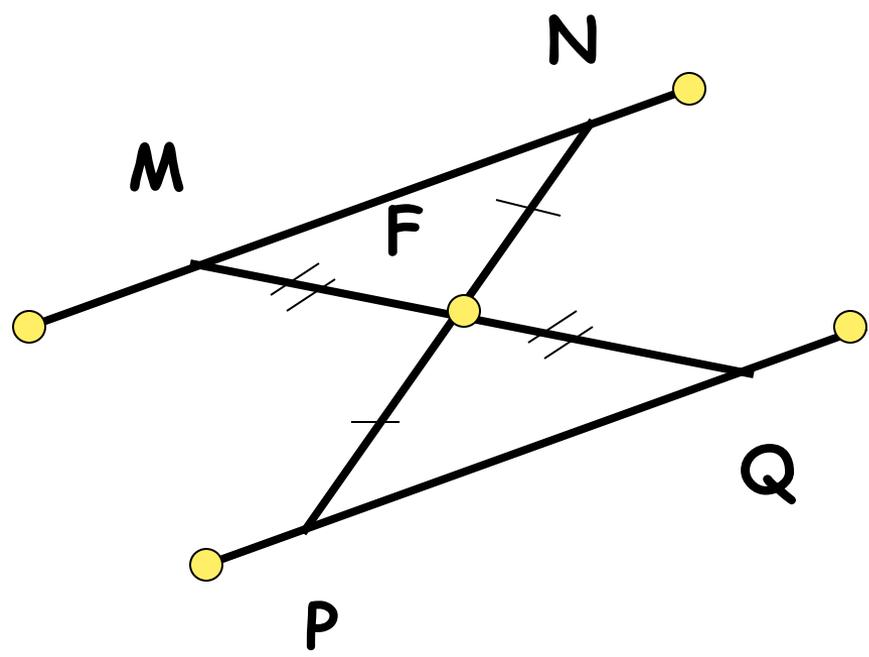
$\angle 2$ на 90°
больше $\angle 1$

Найти: $\angle 3$



Задача №9

Задача №9

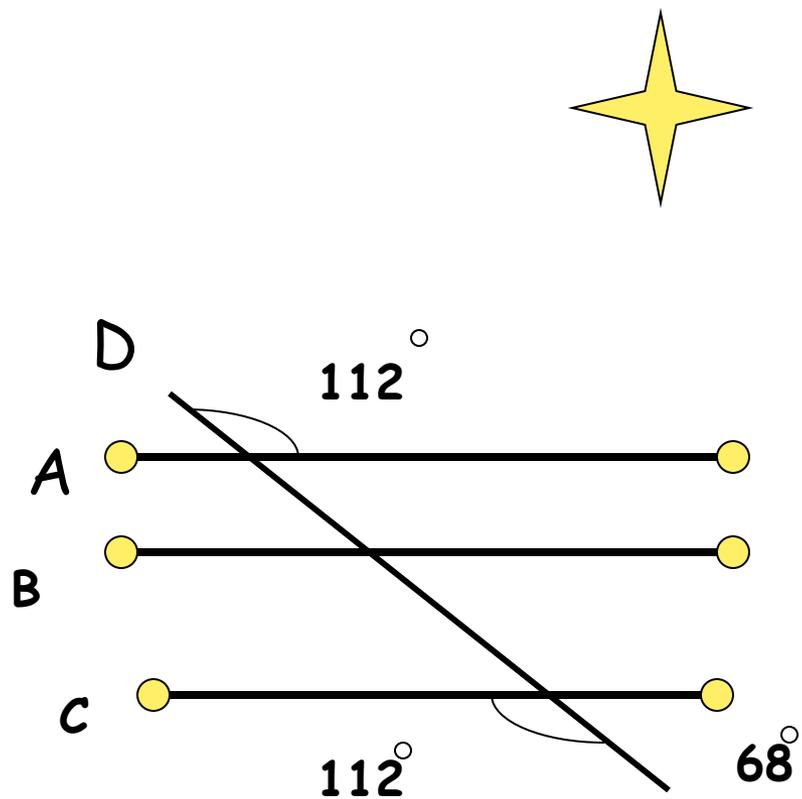


Дано: $NF=PF$;
 $MF=QF$
Доказать:
 $MN \parallel PQ$

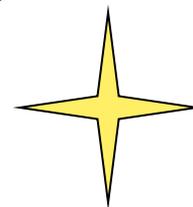
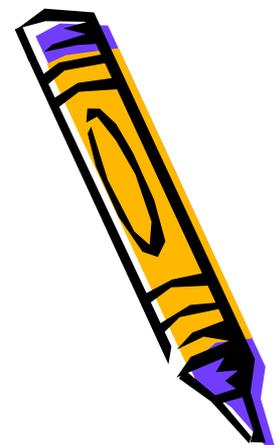
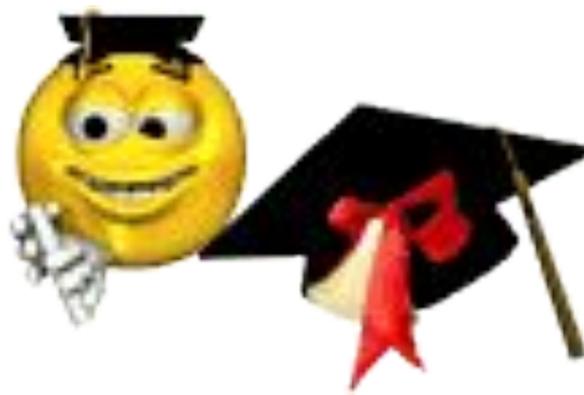
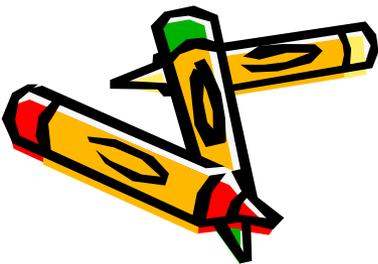


Задача №10

Задача №10



Какие из прямых
а, в, с
изображенных на
рисунке, являются
параллельными?

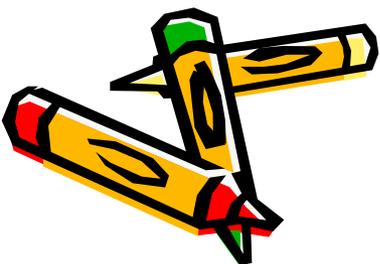
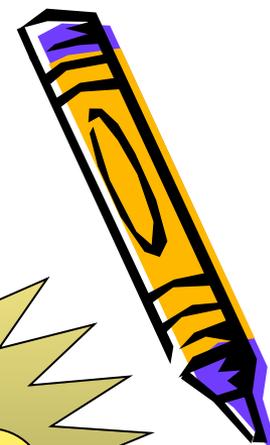


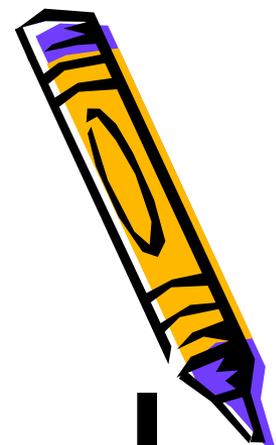


Друзья вы
действительно
прекрасно знаете
геометрию и
поэтому я вам
вручаю эту медаль,
вы действительно
ее заслужили.



МЕДАЛЬ.
ЛУЧШИЕ
ЗНАТОКИ
ГЕОМЕТРИИ





Спасибо за внимание!

