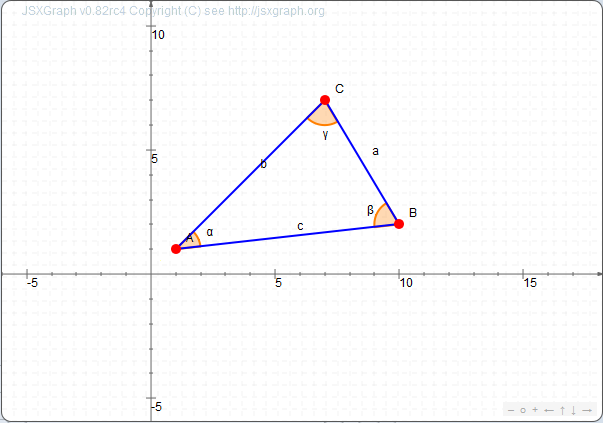
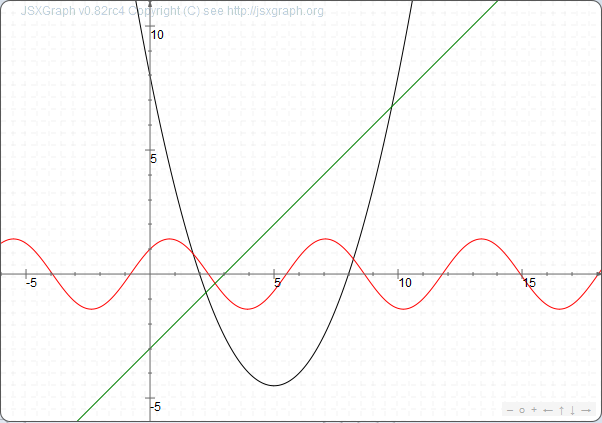
**Dreieck mit Winkeln**



A(1,1); B(10,2); C(7,7); c=[AB]; a=[BC]; b=[AC]; alpha=<(B,A,C); beta=<(C,B,A); gamma=<(A,C,B);

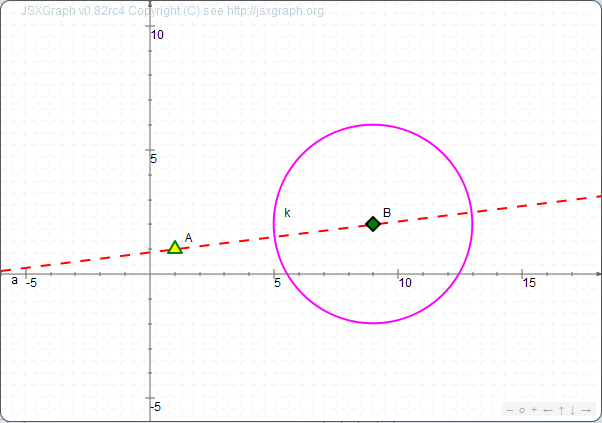
**Funktionen**



f:1/2\*x^2-5\*x+8; g:sin(x)+cos(x); h:x-3;

f.strokeColor=black; g.strokeColor=red; h.strokeColor=green;

**Farbige Geometrie**

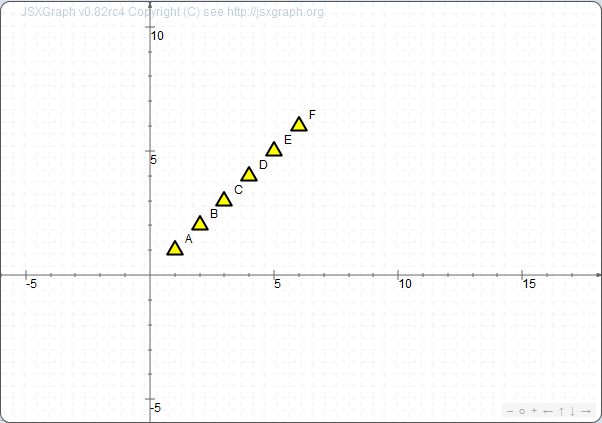


A(1,1); B(9,2); a=]AB[; k=k(B,4); A.face=A; A.size=8; B.face=<>; B.size=7; B.strokeColor=black; B.fillColor=green;

A.strokeColor=green; A.fillColor=yellow;

a.strokeColor=red; k.strokeColor=magenta; a.dash=3;

**Ein Macro**

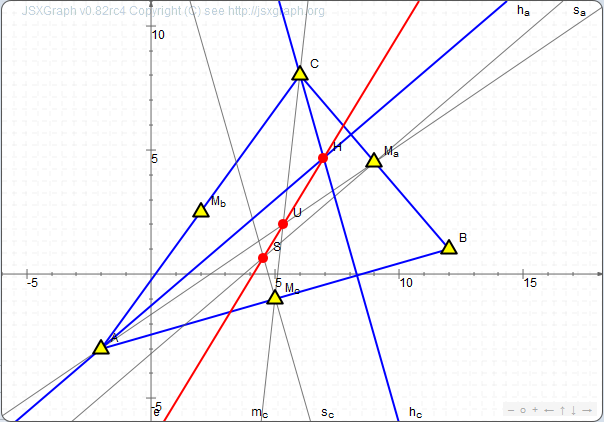
****

A(1,1); B(2,2); C(3,3); D(4,4); E(5,5); F(6,6);

style = Macro(P) { P.face=A; P.strokeColor=black; P.fillColor=yellow; P.size=9; };

style(A); style(B); style(C); style(D); style(E); style(F);

**Euler-Gerade**



*Die Euler-Gerade verläuft durch die Schnittpunkte der Höhen, der Seitenhalbierenden und der Mittelsenkrechten der Seiten.*

A(-2,-3); B(12,1); C(6,8); c=[AB] nolabel; b=[AC] nolabel; a=[BC] nolabel;

M\_c=1/2(A,B);M\_a=1/2(B,C);M\_b=1/2(A,C);

s\_c=|\_(M\_c,c) draft; s\_a=|\_(M\_a,a) draft; S=s\_c&s\_a;

m\_c=]M\_c C[ draft; m\_a=]M\_a A[ draft; U=m\_a&m\_c;

h\_c=|\_(C,c); h\_a=|\_(A,a); H=h\_a&h\_c;

e=]SH[;

e.strokeColor=red;

pstyle = Macro(P) { P.face=A; P.strokeColor=black; P.fillColor=yellow; P.size=9; };

pstyle(A); pstyle(B); pstyle(C); pstyle(M\_c); pstyle(M\_a); pstyle(M\_b);

lstyle = Macro(l) { l.strokeColor=black; };

lstyle(a); lstyle(b); lstyle(c);