angle bisector - divides an angle into two congruent angles
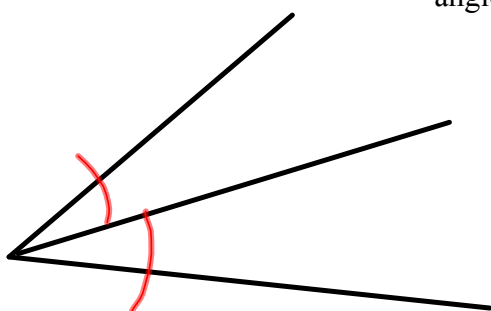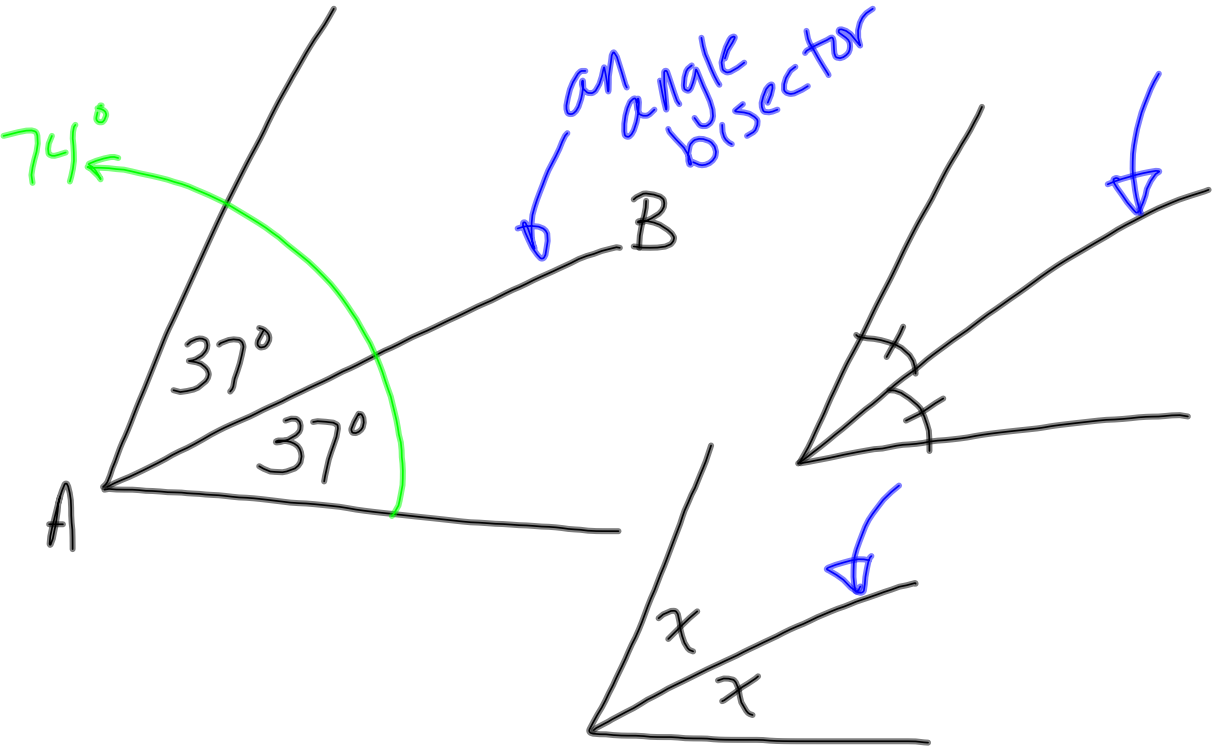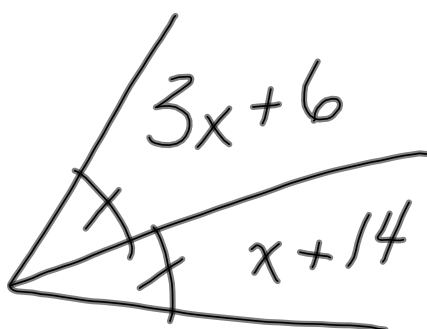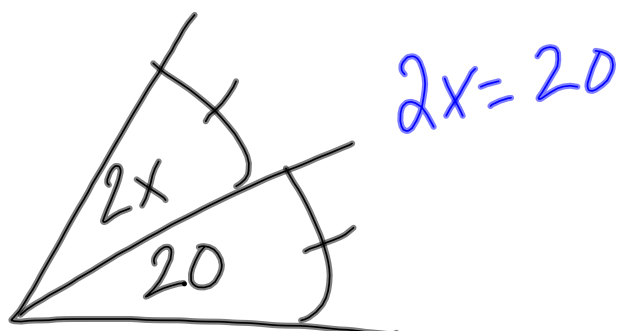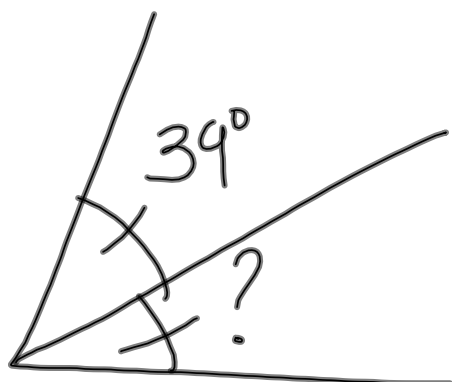
median - a segment that starts at a vertex and bisects a side of the triangle

mdpt

$74°$

an angle
bisector

$37°$

$37°$

A

B

x

x

$39°$

?

$2x$

20

$2x = 20$

$3x + 6$

$x + 14$

$3x + 6 = x + 14$

angle
bisector

$80°$

$X+10$

angle bisector

$X+10$

$?40°$

$X+10+X+10 = 80$

|| ? ||

22 m

2x + 4   12

2x + 4 = 12