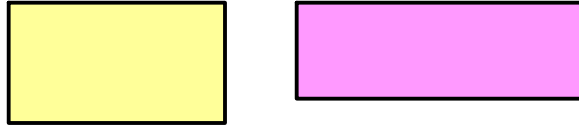
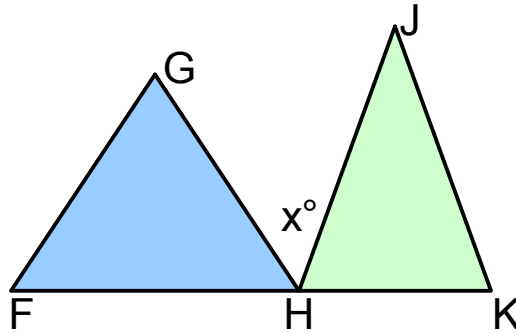


SAMPLE SAT QUESTIONS(page 52)

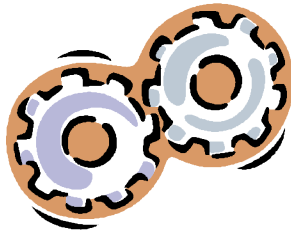
200. If the length of a rectangle is increased by 20% and the width is decreased by 20%, what percent change occurs in the area?



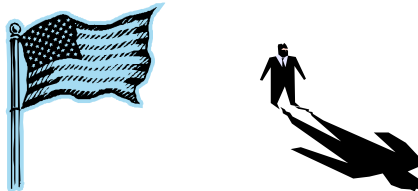
201. If $GF=GH$, $JH=JK$, angle $F=62^\circ$ and angle $K=74^\circ$, find angle x .



202. A gear rotates 8 times each minute, how many degrees does it rotate in 10 seconds?

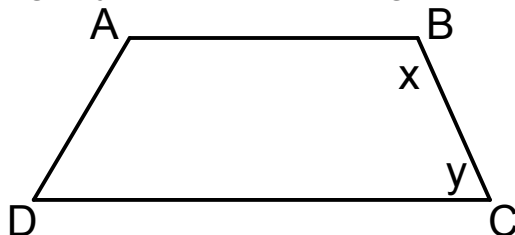


203. A 6 foot man casts a 2 foot 6 inch shadow. A flag pole casts a 16 foot shadow. What is the height of the flag pole?

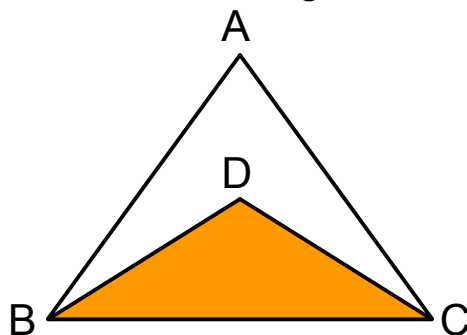


SAMPLE SAT QUESTIONS(page 53)

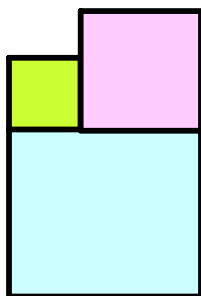
204. In quadrilateral ABCD, AB is parallel to DC. What is the value of angle y in terms of angle x ?



205. BD and CD are angle bisectors of isosceles triangle ABC. If angle $A = 74$, find angle BDC.



206. Given three squares. The smallest has area of 36, the next largest has area 81. What is the area of the largest square?



207. The width of a rectangle is $\frac{3}{5}$ of its length. If its perimeter is 48, what is its area?

