

# Trapezoids

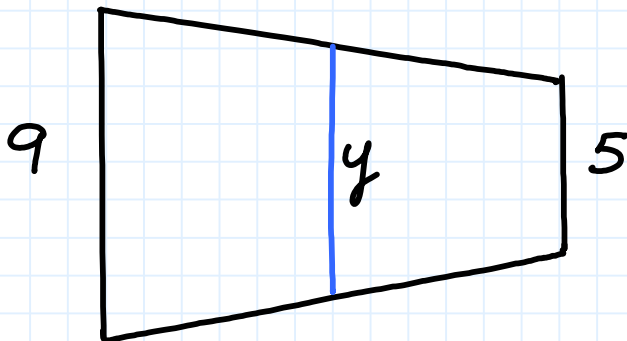
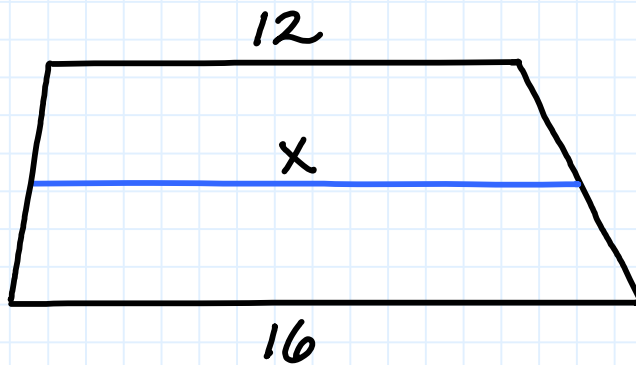


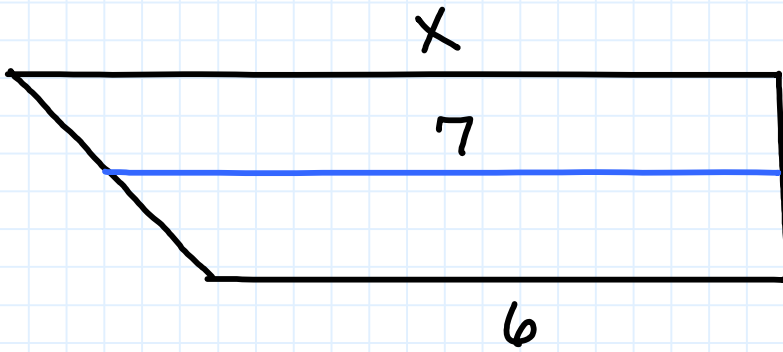
## Overview of problems



Example Set: A

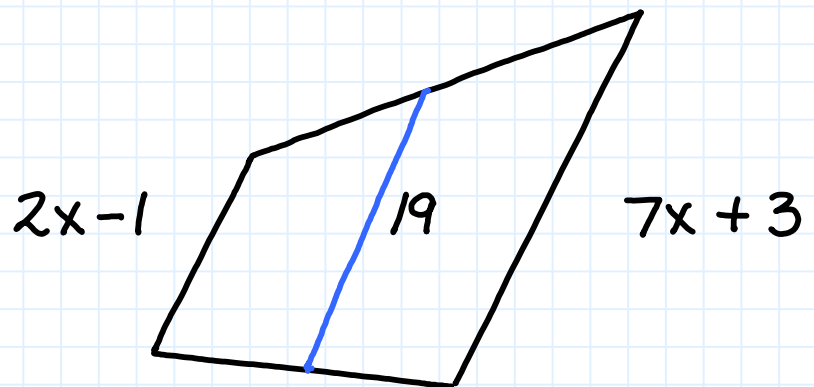
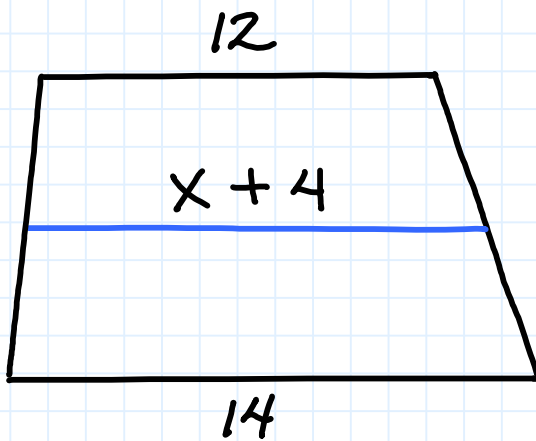
The figures show a trapezoid and its median. Find the value of the variable.



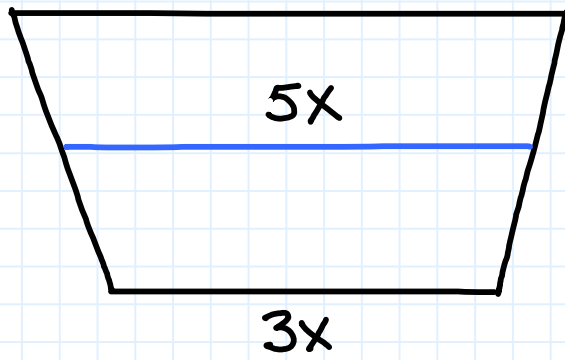


Example Set: B

The figures show a trapezoid and its median. Find the value of the variable.



$$5x + 12$$



# Trapezoids

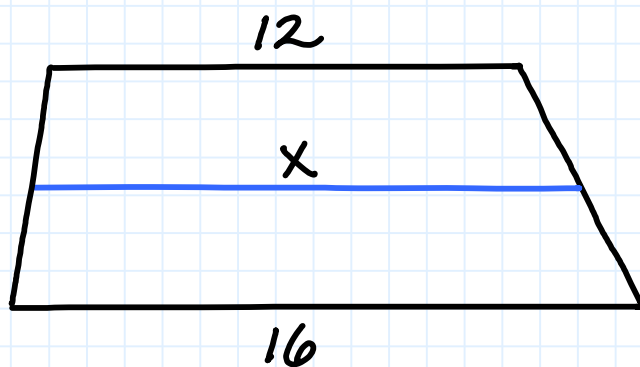


## Overview of problems- KEY

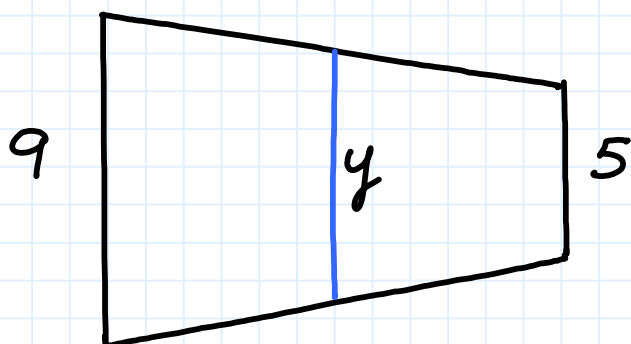


Example Set: A

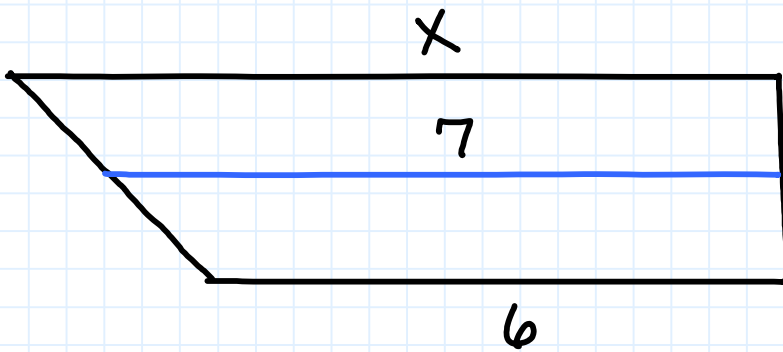
The figures show a trapezoid and its median. Find the value of the variable.



$$x = 14$$



$$y = 7$$

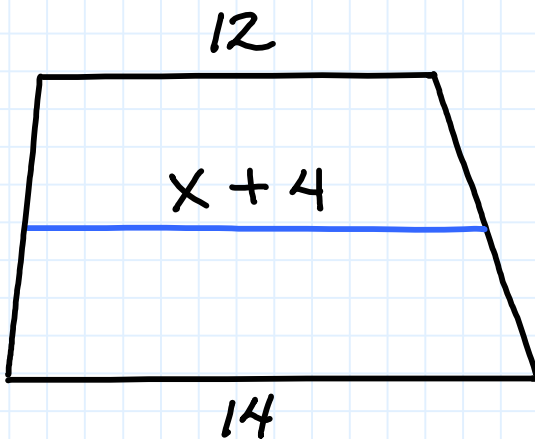


$$x = 8$$

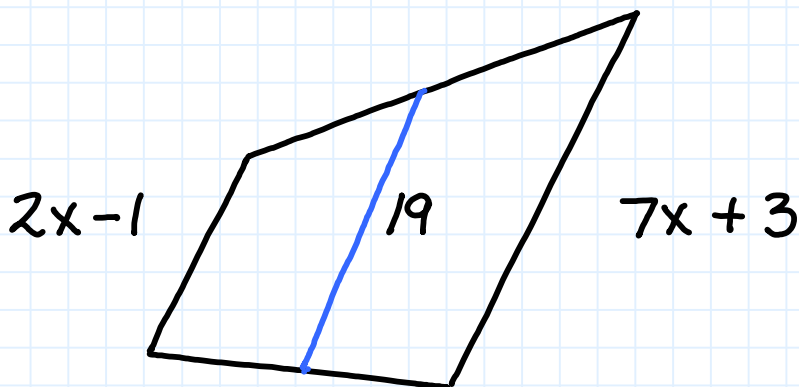


Example Set: B

The figures show a trapezoid and its median. Find the value of the variable.

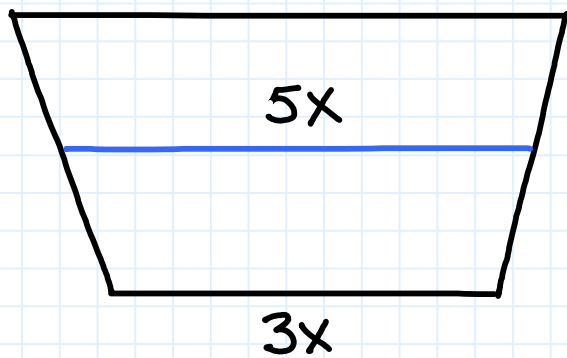


$$x = 9$$



$$x = 4$$

$$5x + 12$$



$$x = 6$$