

STEP 9: SIMPLE INEQUALITIES

Solve

$$1) x + 3 > 7$$

$$3) 6x \leq 12$$

$$2) x - 5 \geq 10$$

$$4) -3x \geq 12$$

STEP 10: FORM & SOLVE INEQUALITIES

Three more than double my number is greater than 10.

Form an inequality & solve.

STEP 11: UNKNOWN ON BOTH SIDES

$$1) 2x + 1 = 4x - 3$$

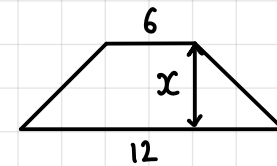
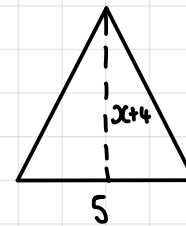
$$4) 5(x+3) = 3(x+9)$$

$$2) 6x + 2 = 2x + 14$$

$$5) 2(9-x) = 3(x+16)$$

$$3) 7x + 9 = 2x - 16$$

STEP 12: COMPLEX EQUATIONS/INEQUALITIES



The area of the trapezium is double the area of the triangle. Work out the area of both shapes.