STEP 9 SIMple inequalities
Solve

1) $x+3>7$
2) $6 x \leq 12$

$$
x>4^{-3}
$$

2) $x-5 \geqslant 10$
3) $-3 x \geq 12$
(ts $x \geqslant 15^{+5} x \leqslant-$
4) $2 x+1=4 x-3$
5) $5(x+3)=3(x+9)$

$$
4=2 x \quad x=2
$$

2) $6 x+2=2 x+14$
$4 x=12$

$$
x=3
$$

3) $7 x+9=2 x-16$
$5 x=-25$
$x=-5$

Step 10 form \& solve inequalities
Three more than double my number is greater than 10 .
Form an inequality \& solve.
$2 x+3>10$
$2 x>7$
$x>3.5$

Step 12 complex eavaions/ineaualiies


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

$$
x=5
$$

