Sec1H

1. $\frac{x-3}{7}=5$
2. $\frac{2}{3}(6 x-18)=2 x+30$
3. Given that the two polygons have the same perimeter, find the value of $x$.

4. Given that the two polygons have the same area, find the value of $x$.

5. $\frac{x-3}{7}=5$
6. $\frac{2}{3}(6 x-18)=2 x+30$
7. Given that the two polygons have the same perimeter, find the value of $x$.

8. Given that the two polygons have the same area, find the value of $x$.

9. Given that the area of the triangle below is 84 square units, find the value of $x$.

10. Given that the perimeter of the triangle below is 56 ft , find the value of $x$.
$(2 x+4)_{\mathrm{ft}} \bigsqcup_{\square} 5_{\mathrm{ft}}$
$(5 x-1)_{\mathrm{ft}}$
11. Given that the area of the rectangle below is $30 x \mathrm{in}^{2}$, find the value of $x$.

12. Does area or perimeter use "square units"?

| 7 | 21 | 4 | 5 |
| :--- | :--- | :--- | :--- |
| -3 | 3 | 38 | Area |

5. Given that the area of the triangle below is 84 square units, find the value of $x$.

6. Given that the perimeter of the triangle below is 56 ft , find the value of $x$.
$(2 x+4)_{\mathrm{ft}} \underbrace{25_{\mathrm{ft}}}_{(5 x-1)_{\mathrm{ft}}}$
7. Given that the area of the rectangle below is $30 x \mathrm{in}^{2}$, find the value of $x$.
$(x+3)$ in $\frac{21 \mathrm{in}}{\square}$
8. Does area or perimeter use "square units"?

| 7 | 21 | 4 | 5 |
| :--- | :--- | :--- | :--- |
| -3 | 3 | 38 | Area |

