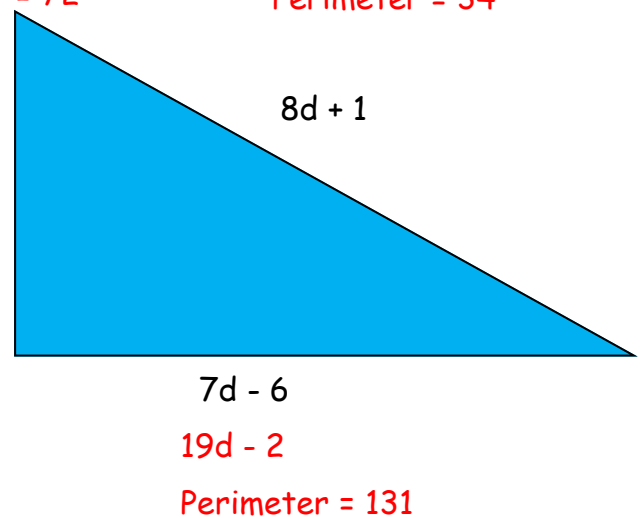
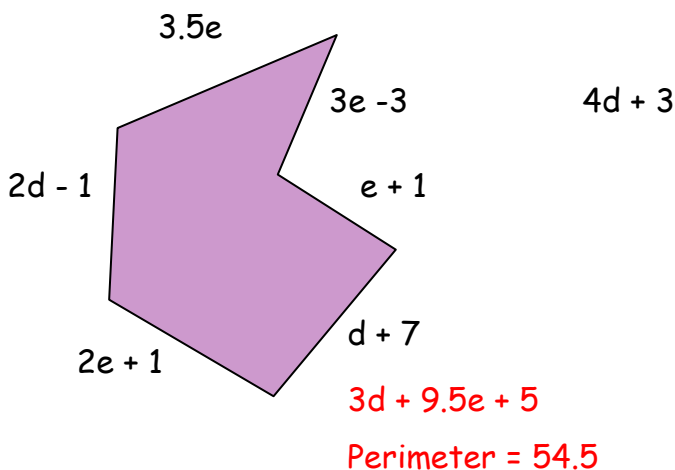
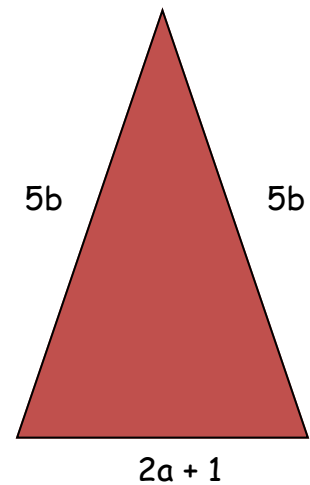
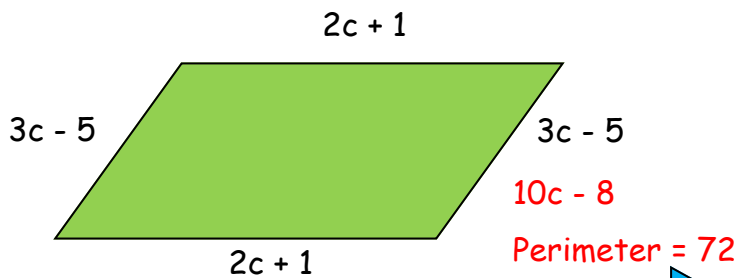
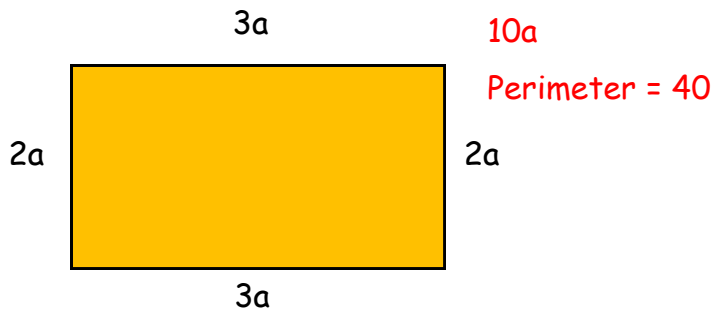


Writing and substituting into an expression

1a. Write and simplify an expression for the perimeter of each of these shapes.



b. If $a = 4$, $b = 2.5$, $c = 8$, $d = 7$ and $e = 3$, what are the perimeters of the 5 shapes above.

Extension

The following two shapes have exactly the same area. What is the value of x ?

$$8x + 10 = 6x + 20$$

$$x = 5$$

