

Mathematics

# Forming and solving equations

## Equating linear algebraic expressions

### Downloadable Resource

Mr Langton



# Equating linear algebraic expressions

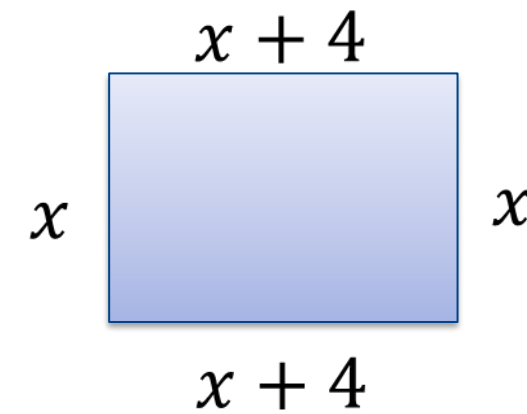
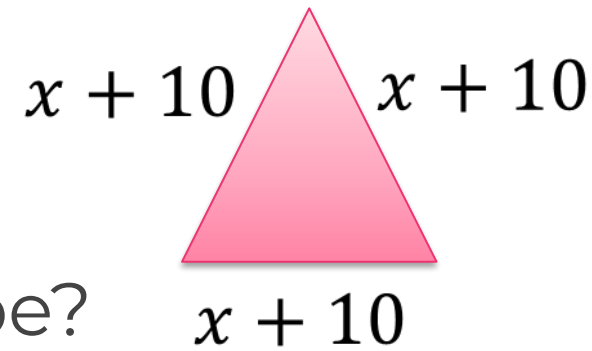
1 These two shapes have the same perimeter.

a) Can you write an expression for each perimeter?

b) Can you write it this as an equation?

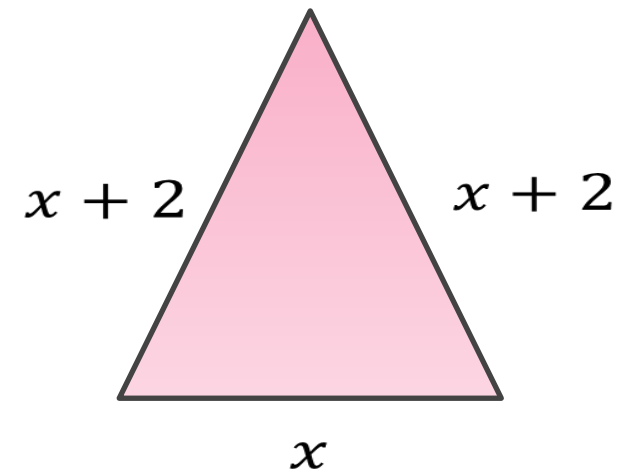
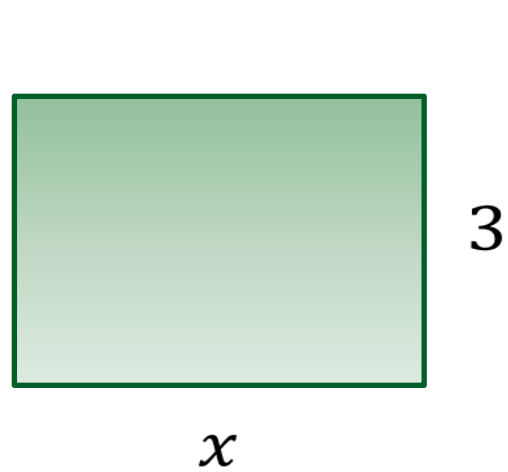
c) Can you represent this as a bar model?

d) Can you calculate the perimeter of each shape?



2 a) The triangle and rectangle both have the same perimeter.

Can you calculate the perimeter?



2 b) These two triangles both have the same perimeter.  
Can you calculate the perimeter?

