

Working out the unknown number

This task is about using number properties to work out the unknown number.

Show how to find the unknown number (represented by a letter) in each of the following equations.

a) $544 + x - 544 = 238 - 238 + 112$

$x = \underline{\quad}$

b) $256 + r = 19 + 172 + 256 - 172$

$r = \underline{\quad}$

c) $358 + 13 - 13 + m = 179 + 358 - 179$

$m = \underline{\quad}$

d) $y + 55 = 678 + 54$

$y = \underline{\quad}$

e) $88 + 47 = 86 + 46 + t$

$t = \underline{\quad}$

f) $65 - q = 66 - 18$

$q = \underline{\quad}$