Maths-Whizz® Teachers' Resource

Name: . . . . . Class: . . . . . .

Equations, Formulae and Identities

F is the length of a fence and L is the number of logs.
C is the cost and n is the number of people.
S is the amount of sugar and p is the number of people.

Q1
Find F if L = 7
F = 4L + 1
F = 29 m

Q2
Find C if n = 6
C = 5 + 2n
C = £17

Q3
Find S if p = 3
S = 3p + 7
S = 16 kg

Q4
Find F if L = 4
F = 4L + 1
F = 17 m

Q5
Find C if n = 8
C = 5 + 2n
C = £21

Q6
Find S if p = 7
S = 3p + 7
S = 28 kg

Q7
Find F if L = 6
F = 4L + 1
F = 25 m

Q8
Find C if n = 9
C = 5 + 2n
C = £23

Q9
Find S if p = 6
S = 3p + 7
S = 25 kg

Q10
Find F if L = 8
F = 4L + 1
F = 33 m

Q11
Find C if n = 14
C = 5 + 2n
C = £33

Q12
Find S if p = 13
S = 3p + 7
S = 46 kg

Q13
Find F if L = 12
F = 4L + 1
F = 49 m

Q14
Find C if n = 18
C = 5 + 2n
C = £41

Q15
Find S if p = 22
S = 3p + 7
S = 73 kg

Q16
Find F if L = 11
F = 4L + 1
F = 45 m

Q17
Find C if n = 21
C = 5 + 2n
C = £47

Q18
Find S if p = 25
S = 3p + 7
S = 82 kg