

A4: Find pairs of numbers that satisfy number sentences involving two unknowns



Formula Detective

Look at this table. Some of the values of the letters are known, but some are not.

Can you use the clues below to find and write in the missing values?

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
7	3	7	2	8	5	3	4	4	2	8	5	6	6	4	9	7	7	9	9	10	4	1	8	4	4

$$3s + 3j = 33$$

$$28/q = h$$

$$cx = 56$$

$$m^2 = 9y$$

$$24/z = n$$

$$g^2 - 8 = w$$

$$3b + 4v = 25$$

$$6u - 5a = 25$$

$$r^2 + k = 57$$

$$6e - 2i = 40$$

$$ft + 5 = 50$$

$$d^2 + 5 = p$$

$$ol = 20$$