

PUZZLEBOMB SOLUTIONS

KACLUERO

					a	b	
	c	d		e	f	6	4
g	8	7	h	i	1	2	3
j	7	6	5	2	k	l	
	m	n	o	7	4	9	8
p	1	4	9	q	7	9	
r	7	8					

Solution path:

Sum of digits (e) can't be 200+, so (i) must start with 1, and so can only be 123. Of the two-digit powers of 2 for (f), 16 doesn't give a prime at (b) and 32 would mean (a) = (f), so (f) has to be 64.

We know (p) must be the digits 1,4,9 in some order. Since (m) is at most 22 (the number of spaces in the grid), (p) is 149 or 194. If it's 194 there's no answer for (n), so (p) is 149.

Now (h) must be 579; (n) must be 42 or 48, but (r) doesn't work if it's 42, so (n) is 48 and therefore (r) is 78.

(m) tells us there are five 7s in the solved puzzle, ie three more. We only have three across answers where more 7s can go - (g), (j) and (q) - so each must have a 7.

(j) has its digits in decreasing order, and because of (d) its second digit is not a 7, so its first digit is a 7. (g) must end in a 7 (as it has to contain a 7, but (c) cannot have two 7s). The only digit that works in the (g)/(c) intersection for both clues is 8. The second digit of (j) can only be 6.

Consider the sum of all digits in the finished puzzle (ie the value of (e)), minus the last digit of (e). It must end in 0. The digits already in the grid add to 85, so the remaining five other than the last digit of (e) must add to a total ending in 5. The highest possible such total for five digits is 35. But 15 and 25 wouldn't work, as they would lead to the second digit of (e) being 0 or 1. So the total is exactly 35, and the second digit of (e) is 2 (meaning the four digits making up (k) and (l) add to 33. Those four digits must be 9,9,8 and 7, which only fit in if (k) is 97 and (l) is 89.

Finally, as one digit of (o) must be half of one other, the remaining digit must be a 4.

SET PIECES

tube STOPS:
angel/bank/oval

goes before LOOK:
dirty/first/new

means LISTEN:
heed/monitor/tap



SPELLING BEES

