

# PUZZLEBOMB

Shaded entries are unclued, but the sum of their proper factors is also present as an unclued entry in the grid. All entries are distinct, and no entry starts with a zero.

## ACROSS

- 1. Prime
- 4.  $(18dn \times 11ac) + 15ac$
- 8. Prime
- 11. 21ac backwards
- 12. Greater than 21dn
- 15. Factor of  $(18dn - 10)$
- 17. (Principal) square root of  $(16dn + 21)$
- 21. Triple the sum of the digits of 8ac
- 22.  $1dn + 16dn - (10 \times 23ac) - 82$
- 23.  $10 \times 15ac$

## DOWN

- 2. Prime bigger than 8ac
- 3.  $9ac + 10$
- 4. A ninth power
- 6.  $Square - 11ac - 15ac$
- 7.  $13ac + 8$
- 10. Prime  $\times 10$
- 14. Multiple of 9
- 17. Cube
- 19. Multiple of 9
- 21. Product of the digits of 8ac

1	2	3	4	5	6	7
8		9				
	10				11	
12		13		14	15	16
17		18	19			
	20				21	
22				23		

NUMBERWARG: devised by @apaultaylor and @stecks.

# NUMBERWARG

## APIS CLUES

Here are five cryptic crossword clues. You must solve the clues, then find the connection between the answers.

APIS CLUES: devised by @apisclues.

- 1. Musical in which Nazis are on the tail of revolutionary (5)
- 2. Gold cent stolen from plate before Monday's lesson (6)
- 3. Lost fellow's heartless, it's reported (4)
- 4. Rebel leader comes before queen for drink (5)
- 5. Died after even adrenal's finished (4)

PUZZLEBOMB: assembled by @stecks.