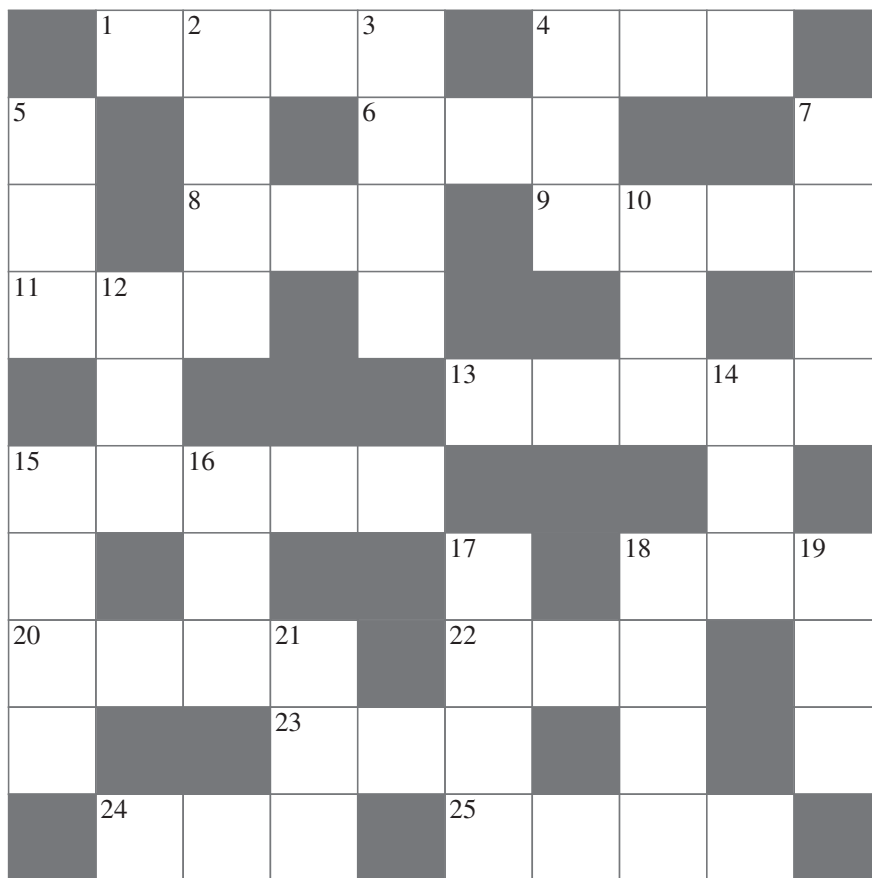


CROSSNUMBER



ACROSS

1. A Fibonacci number (4)
4. A multiple of the positive solution of $m^2 - 120m - 21$ DOWN = 0 (3)
6. A cube (3)
8. A multiple of 11 (3)
9. 3 DOWN + 12 DOWN (4)
11. The smallest positive integer that is divisible by 1, 2, 3, 4, 5, 6, 7, 8, 10, 35, and 105 (3)
13. The product of 18 DOWN and $\sqrt{\sqrt{21} \text{ DOWN}}$ (5)
15. The product of 10 and the mean of 1 ACROSS and 18 DOWN (5)
18. $(25 - \sqrt{14})(25 + \sqrt{14})$ (3)
20. $(6 \text{ ACROSS})^{\frac{4}{3}}$ (4)
22. The number of degrees in each internal angle of a regular polygon with $\frac{2}{3} \times 19 \text{ DOWN}$ sides (3)
23. $6x + 7y$ where $x : y = 21 \text{ DOWN} : 24 \text{ ACROSS}$ is in its simplest form (3)
24. The n^{th} triangular number, where $n = \sqrt{21 \text{ DOWN}}$ (3)
25. 18 DOWN minus 12 DOWN (4)

DOWN

2. The smallest positive integer that is divisible by 1, 2, 3, 4, 5, 6, 7, 9, 10, 14 and 63 (4)
3. The mean of 20 ACROSS and 2 DOWN (4)
4. $(24 + \sqrt{15})(24 - \sqrt{15})$ (3)
5. The number of degrees in each internal angle of a regular polygon with 19 DOWN sides (3)
7. A factor of 18 DOWN that is smaller than 1 ACROSS (4)
10. A multiple of 11 (3)
12. $18x - 4y$ where $x : y = 4 \text{ ACROSS} : 19 \text{ DOWN}$ is in its simplest form (3)
14. A triangular number (3)
15. The sum of 23 ACROSS and triple 9 ACROSS (4)
16. A cube (3)
17. A multiple of the positive solution of $m^2 - 30m - 6 \text{ ACROSS} = 0$ (4)
18. A Fibonacci number (4)
19. See 5 DOWN (3)
21. n^{n-1} where n is a positive integer (3)

CROSSNUMBER

	¹ 4	² 1	8	³ 1		⁴ 5	0	0	
⁵ 1		2		⁶ 2	1	6			⁷ 2
7		⁸ 6	2	7		⁹ 1	¹⁰ 6	9	2
¹¹ 8	¹² 4	0		8			3		5
	1				¹³ 3	3	8	¹⁴ 2	5
¹⁵ 5	4	¹⁶ 7	3	0				3	
3		2			¹⁷ 1		¹⁸ 6	1	¹⁹ 1
²⁰ 1	2	9	²¹ 6		²² 1	7	7		8
7			²³ 2	4	1		6		0
	²⁴ 3	2	5		²⁵ 6	3	5	1	