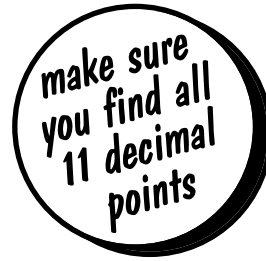


Crossword 3

Levels 6 & 7



57. $483 \div 23$ (Hint, do 23s into 48 first)
 58. $\frac{3}{5}$ of 80
 59. $10p^3 \times 4p^2 = ?p^5$
 60. $\frac{1}{6} - \frac{1}{12} = ?/12$

Clues across

1. The 3rd prime number
2. The century that we are now in
4. The coordinates (0,12), (1,14), (2,16), (3,18) lie on the line $2x + ? = y$
5. If the ratio of blue balls to red balls is 3:5, and there are 80 in the bag, how many are blue?
6. Expand and simplify $3(2a - 1) - 2(3a - 4)$
8. $7^2 + 2^2 - 1^2 - 1^2$
10. 2 to the power 5
12. $(21 \times 15) \times 10^{-2}$ (Hint, $\times 10^{-4}$ moves the decimal point back 4 places)
14. 31×40
18. $2.02 + 5.43$
22. $(x + 10)(x + 19) = x^2 + ?x + 190$. Is it a) 10, b) 19, or c) 29?
24. $16 \div 5$ (as a decimal)
25. 75% of 60
26. 41.4318×10^4
31. If the area of a square is 400cm^2 , what is its perimeter? (Hint, find its length first)
33. 6.5% of £800
35. $9^2 + \sqrt{121} - \sqrt{49}$
36. The chance of rolling a 6 and getting a head, when you roll a dice and flip a coin together = $1/?$
37. A tenth of a million
42. If $4^{-2} = 1/4^2$ or $1/16$, then $6^{-2} = 1/?$
43. $1/10 \times 3/10 \times 5/10 = ?/1000$
44. Find x , if $3(x + 5) = x + 165$ (Hint, expand the brackets first, then get the x s to one side)
47. 21×26
49. Volume of a box 5.87cm by 10cm by 100cm
51. How many pairs of trainers are worn by the centipede volleyball team?
53. If $x = 10$ and $y = 4$, find $5x - y^2$
54. Tom thought he had a 24% chance of getting a Valentine's kiss from Jenny and a 50% chance of getting one from Fia. What was the chance he'd get one from both?
56. 9, 11, 13, 15, 17. The n th term of this series is $2n + ?$ (Hint, it's like the 2 times table, but it's always ? more)

Clues down

3. 33.3333% of 45
5. $0.5 + 0.9 + 1.8$
7. $7fg(3g + 4) = ?fg^2 + 28fg$
9. In what century was the Battle of Hastings?
10. $2/3 \times 4/10 = 8/?$
11. How many different outcomes are there when you flip a coin and spin a 7 sided spinner?
12. $\frac{3}{10}$ as a %
13. $10^2 - 2^3 - 7^2 + 3^2$
15. $(10 \times 23) + 4$
16. 14.1×30 (Hint, think of 30 as 10×3)
18. The point (9,?) lies on the line $y = x^2 - 6$ (Hint, 9 is the x part)
20. 0.55 as a %
23. Surface area of a box 23cm by 1cm by 1cm
25. Area of triangle with base 10cm and verticle height 0.96cm
27. Estimate $\sqrt{10} \times 4,950 \div 10.4$. Is it a) 1500, b) 2000, or c) 3000?
29. 1.46×1000
31. $0.088\text{kg} = ?\text{g}$ (Hint, $1000\text{g} = 1\text{kg}$)
32. 50% as a decimal
33. $54 + 72 - 75$
34. $5^2 - 3$
37. There's a 0.84 chance of Christina trying to put on her make up in registration tomorrow. What's the chance that she doesn't, as a %?
38. 2% of 9
39. $0.23 + 0.34$
40. $\frac{7}{10}$ as a decimal
41. The square root of 225
42. $(-4 \times -4) + (-5 \times -4)$
45. In the following sequence of numbers 3, 5, 7, 9, 11, 13, what would be the 26th term?
46. What's the next term in this sequence? -4, -2, 1, 5
48. (13,?) lies on the line $y = 3x + 1$
49. (6,?) lies on the line $y = x^2 + 3x$
50. A tenth as a decimal
52. 1% of 70
53. If I think of a number, double it and subtract 3, the answer is 59. What is the number?
55. $(4 \times 15) - (3 \times 13) +$ (the cube root of 27) (Hint, the cube root of 125 = 5, since $5 \times 5 \times 5 = 125$)

Crossword 3

answers

	Levels 1 & 2						Levels 2 & 3	Levels 2, 3 & 4	Levels 3, 4 & 5	Levels 4, 5 & 6	Levels 5, 6 & 7								
1	5		2	1		1	2		3	0		5							
		7	2		8	5	1		10	3	2		11	1					
12	3	1	5		14	1	2	4	0		18	7	4	20	5				
	0		22	2	23	9		24	3	2		25	4	5	5				
				26	4	27	1	4	3	29	1	8							
31	8	32	0			5			4				33	5	34	2			
Levels 1 & 2	8	5				0			6				36	1	2				
Levels 2 & 3					37	1	0	0	0	0	40	0							
Levels 2, 3 & 4	41	1		42	3	6		43	i	5		44	i	45	7	5	46	1	
Levels 3, 4 & 5	47	5	48	4	6		49	5	8	7	0		50	0	51	3	52	0	0
Levels 4, 5 & 6			0		53	3	4				54	i	55	2			i		
Levels 5, 6 & 7	56	7		57	2	1		58	4	8		59	4	0			60	1	