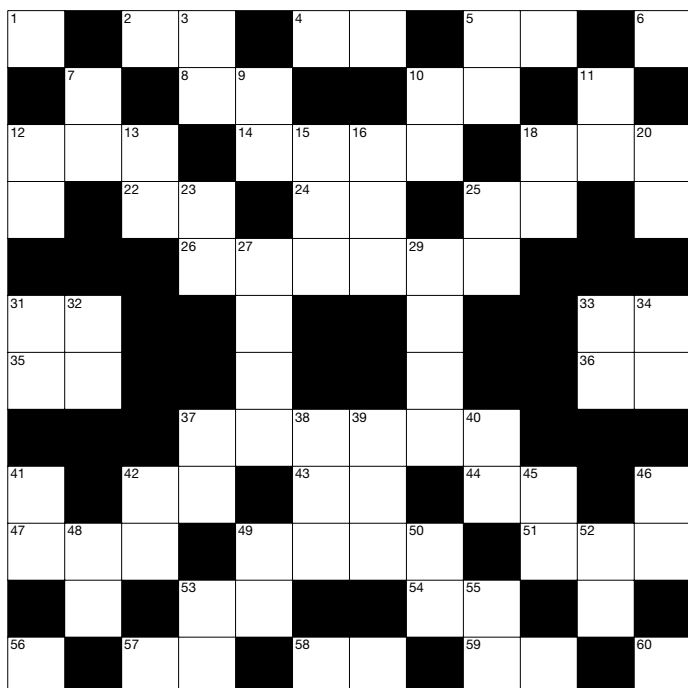
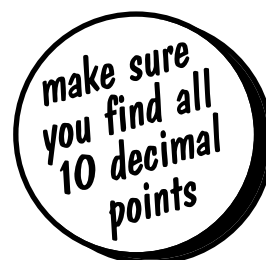




Crossword 1

Levels 6 & 7



Clues down

3. 31.76 correct to 2 significant figures
5. What's next in this sequence? 7, 9.5, 13, 17.5
7. The coordinates (16, 0), (16, 1), (16, 2), (16, 3) lie on the line $x = ?$
9. In what year did Queen Elizabeth 2nd become queen?
10. 0.2 as a %
11. A pie chart shows the favourite subjects of 80 Year 9 kids. 45° is shaded for PE. How many pupils preferred PE to any other subject?
12. 192 divided by 6
13. What is $\frac{5}{100}$ as a %?
15. 21×23
16. A quarter as a decimal
18. $\frac{8}{9}$ of 45
20. If the probability of Carline not chewing gum at school today is 0.1, what is the chance that she does?
23. $(x + 16)(x + 2) = x^2 + 18x + ?$ Is it a) 14, b) 18, or c) 32?
25. 20% of 150
27. 4.667×10^3
29. 0.06444×1000
31. The coordinate (7, ?) lies on the line $y = x^2 - 5$. What is the y part of the coordinate?
32. Complete the sequence 7.2, 6.7, 6.3, 6.0
33. 0.11×50 (Hint, do 0.11×10 first)
34. The perimeter of a rectangle 11 long and 10 wide
37. $(4 \times 10 \times 3 \times 20) \div 30$
38. $700 - 81$
39. $(2 \times 5 \times 5 \times 10) + 7$
40. 0.3×13
41. 30% of £70 (Hint, find 10% first)
42. £90 reduced by 33.333%
45. $\frac{9}{30}$ as a decimal (Hint, simplify the fraction to tenths first)
46. A sequence has a general term of $3n + 6$. What is the 8th term?
48. The ratio of shoes to trainers worn by Year 7 children on a mufti day is 2:7. If 280 people wore trainers, how many wore shoes?
49. The coordinate (4, ?) lies on the line $y = 2x^2 + 24$. Complete the coordinate.
50. $\frac{13}{25}$ as a % (Hint, what is it out of 100?)
52. $3x - 10 = x + 110$ (Hint, get the xs to one side first)
53. (The number of sides in 5 octagons) - 5
55. $\sqrt{49} \times \sqrt{36}$

Clues across

1. The coordinates (0, 1), (1, 7), (2, 13), (3, 19), lie on the line $y = ?x + 1$
2. Simplify $x^2 - 2x + 13 + 3x - x^2 - x$
4. 3% of £600
5. If the ratio of boys to girls at a judo class is 5:2 and there are 35 in the class, how many boys are there?
6. What is the 3rd prime number?
8. $(\sqrt{16} \times \sqrt{36}) + 1$
10. If 25% of something is 5.75, what is its total?
12. What's in between 3.6 and 3.7?
14. $(20 \times 300 \times 40) \div 100$
18. How many pairs of 'spikes' are worn in the centipede 100m Olympic sprint final (all lanes are used)?
22. The mean of 11, 12, 16, 13
24. 4.1×2
25. $\frac{4}{30} + \frac{3}{15} = \frac{10}{?}$
26. 2435.6×100
31. 90 out of 200 as a %
33. $\frac{1}{2}\%$ of 10 800
35. $(-8 \times -7) + (2 \times -4)$
36. $42 - (2 \times -5)$ (Remember, if you take away a negative, it's like adding)
37. 8.76543×10^4
42. The area of a triangle whose base is 30cm and has a vertical height of 4cm
43. Find x, if $3(x + 5) = 45$
44. In a pie chart question, how many degrees make up a quarter of the pie?
47. $(300 \times 600) \div 10^3$
49. $(6 \times 10^3) - 5^2$
51. The sum of the angles in a trapezium
53. The area in cm^2 of a square whose length is 6cm
54. $2^3 + 4^2$
56. $3(b^2 - 4) + 15 - 3b^2$
57. $\frac{2}{5} \times \frac{3}{5} = \frac{6}{?}$
58. £50 with 10% off
59. A fifth as a %
60. $\frac{1}{10} + \frac{1}{5} = \frac{?}{10}$

Crossword 1

answers

[illegible]