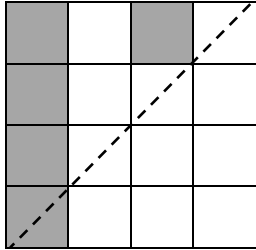# Homework 5 Core

Where a question asks you to show working a correct answer will only be awarded a mark for a correct WRITTEN method. The method you use is more important than the actual answer in helping you to progress in maths.
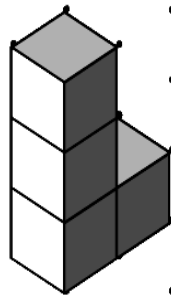Due in:

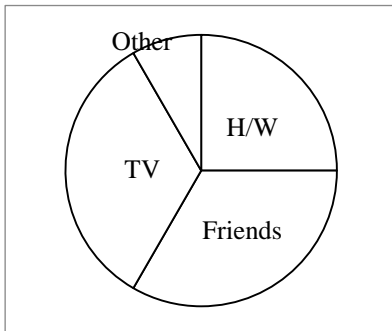| | |
|---|---|
| 1. A triangle has height 10cm and base 2cm. What is its area? | 3. Add together 313, 9 and 28 (show working) |
| 2. Using the digits 1, 2, 3 and 4 complete the calculation<br><br>$\boxed{\ \ }\boxed{\ \ } = \boxed{\ \ } \times \boxed{\ \ }$ | 4. Complete the calculation. Show working.<br><br>$\quad 418$<br>$\underline{\times 8}$ |

# Homework 5 Core

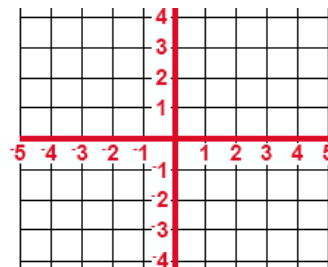| 5. Give this diagram reflective symmetry about the dotted lines. | 8. How many cubes are needed to make the following shape? |
|---|---|
| 6. The pie chart shows how Fiona spends her evenings. Roughly what % of her time is spend doing homework? | 9. Arrange these numbers in **descending** order<br><br>-10, 9, -8, 7, -6, 5 |
| 7. Estimate the distance from Howden train station to Howden school in metres. (Hint – it takes roughly 20 mins to walk 1000m) | 10. Round 6.27 to the one decimal place. |

| 11. Circle the multiples of 4 in the list below<br><br>20  22  28  34  39  48 | 14. I think of a number, divide it by 2 and add 6. My answer is 15. What number was I thinking of? |
|---|---|
| 12. Simplify<br><br>5a - 2a | 15. At night the temperature was -5°C. During the day it was 8 °C. What is the difference between these temperatures? |
| 13. If y=20 what is the value of y÷4? | 16. What is the median of the following numbers:<br><br>5, 3, 8, 5, 3, 7, 4 |

| 17. Use a protractor to draw an angle of 140 degrees. | 19. If you choose a letter at random from the word PROBABILITY, what is the probability of choosing a B or an I? |
|---|---|
| 18. Convert 83% into a decimal. | 20. On the grid, plot the point (4, 0) |

Total: