YEAR 10 HOMEWORK – 2T

BOOKLET 2

Complete the questions in each box. Make sure that you show all of your workings

|  |  |
| --- | --- |
| 1. Find the area of the shape

6cm6cm | 1. Simplify $\frac{10}{15}$
 |
| 3. Find2.23 + 0.72 | 4. Write down a multiple of 7 that is between 30 and 40 |
| 5. Round 238 to the nearest 10 | 6. Write the mathematical name of the shape |
| 7. Multiply the fractions:$\frac{2}{3}$ x $\frac{3}{7}$ | 8. Enter an inequality symbol in the box – either choose < or >$\frac{1}{4}$ $\frac{3}{8}$ |
| 9. Add the fractions:$\frac{2}{4}$ + $\frac{3}{8}$ | 10. Chrissy drew this graph to show the percentage of buses that got to a bus stop on time for six months.9080Write down one thing that is wrong with the graph706050% of buses on time4030 |
| 11. Find the highest common factor:8, 20 | 12. Find the output if the input is 4Graphical user interface  Description automatically generated |
| 13. 4 people order pizza. Each person will eat 3/8 of a pizza. How many do they need to order? | 14. Simplify k + k + k + p + p |
| 15. A cinema ticket costs £2x for an adult. The price of a child’s ticket is half the price of an adult ticket. Write an expression for the price, in pounds, of a child’s ticket | 16. Here is a map of an island. Work out the distance between the 2 villages1cm = 2km |
| 17. What goes in the gap? 4 + \_\_\_\_ = 20  | 18. Solve x + 8 = 16  |
| 19. Expand2(x + 4) | 20. Find $\frac{2}{7}$ of 140  |

|  |  |
| --- | --- |
| WWW |  |
| EBI |  |
| EBI |  |