

Lighthouse 5 (Checkpoint 2)

1. Complete this times table grid

X	5a	4b	7c
6e			
8f			
3a			

2. Calculate $42ab \div 7a$

3. Round 3753 to

a) 1 sf b) 2 sf

4. Write as a normal number

a) 4.2×10^3 b) 7.16×10^5



3a

a + 8

5. Decrease £360 by 15%

6. What is the value of a if the perimeter of the rectangle is 56cm?

7. What is the interior angle of a regular hexagon?

8. What is the gradient of the line joining (2, 8) and (5, 20)

9. Solve
$$\begin{aligned} 7x + 6y &= 72 \\ 2x + 6y &= 42 \end{aligned}$$

10. If the bearing of A from B is 80 degrees what is the bearing of B from A?

11. Find the upper and lower quartile of:
2, 3, 9, 12, 12, 16, 28

12. Work out the degrees for each team to show this data as a pie chart
Votes for the best football team.

Chelsea	70
Brighton	15
Liverpool	5