

Lighthouse 5 (Checkpoint 3)

1. Complete this times table grid

X	8a	6b	4c
7e			
9f			
6a			

2. Calculate $36ab \div 9a$

3. Round 7289 to

a) 1 sf b) 2 sf

4. Write as a normal number

a) 3.8×10^5 b) 9.25×10^7



5a

2a + 3

5. Increase £460 by 15%

6. What is the value of a if the perimeter of the rectangle is 48cm?

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

8. What is the gradient of the line joining (1, 9) and (5, 21)

9. Solve
$$\begin{aligned} 3x + 2y &= 25 \\ x + 2y &= 11 \end{aligned}$$

10. If the bearing of A from B is 65 degrees what is the bearing of B from A?

11. Find the upper and lower quartile of:
1, 3, 4, 11, 12, 23, 27

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

Chelsea	84
Hull City	20
Arsenal	16