

1. i) £59.94

ii) £57

iii) £29.8

2. b) £53.26

2. a) $8\frac{2}{3}$

b) $\frac{5}{6}$

3. 680

4. 64 members

5. a) 5.70

b) 24.4

6. a) ~~range~~ A mean = 15

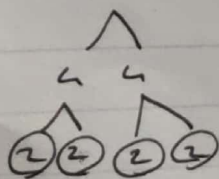
A range = 3

~~mean~~ B mean = 12.2

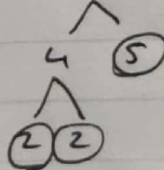
B range = 6

b) B because on average it has fewer broken eggs.

7. ~~16~~ 16



20



LCM = $2 \times 2 \times 2 \times 2 \times 5 = 80$

8. a) $3n+2$

b) 26

c) 2

9. a) $x=125$

b) $x=-2$

c) $x=3$

d) $x=-4$

e) $x=27$

10. a) $3x=180^\circ$

$x=60^\circ$

b) $3x+5x+90+x=180^\circ$

$9x=90$

$x=10^\circ$

11. ~~3x+10 = x+11~~

$2x=1$

$x=1/2$

12. 100 (20 & 80)

(all sheets on the booklets will have their page nos sum to 58
 \therefore outer sheet: 1, 2, ..., 27, 28
 $28 \div 2 = 14$)

14. a) $6cm^2$

b) $24cm^2$

c) $\frac{24}{40} = \frac{3}{5} = 60\%$

15. 7:36 am

16. $J = 5$

$K = 1$

$L = 3$

$M = 2$

17. 24 (4!)