

KS3 Higher Wk 2 Answers

1, a, 60 b, 350 c, 5,760 d, 800 e, 5,400

f, 92,600 g, 72,000 h, 63,000 i, 54,000 j, 64

k, 720 l, 90 m, 89 n, 2,00,000 o, 85,430

2, B 2,900 C 4,200 A 39,000 D 50,000 E 630,000

3, a, 60 b, 200 c, 1,800 d, 4,200 e, 1,500 f, 3,200

g, 18,000 h, 12,000 i, 60 j, 1,000 k, 5 l, 7

m, 20 n, 110 o, 50

4, a, 162 b, 470 c, 3416 d, 3834 e, 1548

5, a, 391 b, 1150 c, 2144

6, a, 6×45
 $2 \times 3 \times 9 \times 5$
 $2 \times 5 \times 3 \times 9$
 $10 \times 27 = 270$

b, 55×12
 $5 \times 11 \times 6 \times 2$
 $5 \times 2 \times 11 \times 6$
 $10 \times 66 = 660$

c, 12×18
 $2 \times 6 \times 2 \times 9$
 $2 \times 2 \times 6 \times 9$
 $2 \times 2 \times 54$
 $2 \times 108 = 216$

7, a, 177 b, 213 c, 652 d, 352 e, 562
 f, 362 g, 635 h, 235

8, a, 13 b, $\frac{12}{6+(2 \times 3)}$
 $\frac{6}{6+6}$ c, $2+(15 \div 5)$
 $2+3=5$ d, $3-2=1$ e, 21 f, 3

g, 19 h, 16 i, 3 j, 75 k, 4 l, 2 m, 2

n, 2 o, $5+3 \times 4$
 $5+12=17$ p, 49 q, 81 r, 2

9, $48 \times 14 = 672$ eggs

10, $32 \times 18 = £576$

11, $18 \times 20 = 360$ books

12, $320 \div 20 = 16$ $32 \div 2 = 16$ 16 pecks

13, $26 \times 350 = £8,840$ income from tickets

$£8,840 - £6,500 = £2,350 \rightarrow$ profit

14, $15 \overline{) 4830}$

32 pecks