

Climate Action Week mystery activity pack answers

Mystery 1: Profit or Loss?

Sold

5 bowls of soup £3.20 each = £16.00

4 sandwiches at £2.75 each = £11.00

6 cups of tea at £1.49 each = £8.94

8 cups of coffee at £2.05 each = £16.40

Total = £52.34

Supplies used

Fruit and vegetables - £35 (minus 15% discount for orders over £30) = £29.75

Bread – 6 loaves at 89p each = £5.34

Tea and coffee – £18 plus VAT at 20% = £21.60

Total = £56.69

Profit or loss for morning

= £52.34 - £56.69 = -£4.35 = **shortbread**

Mystery 2: Time's up

1. 1.15 = your
2. 9.05 = turn
3. 3.40 = down
4. 4.25 = heating
5. 6.40 = 2°C

Message = **Turn your heating down 2°C**

Mystery 3: Crack the code

A = 32	I = 18	R = 47
B = 26	J = 43	S = 58
C = 39	K = 57	T = 31
D = 16	L = 41	U = 68

E = 11	M = 44	V = 13
F = 35	N = 21	W = 27
G = 63	O = 61	Y = 52
H = 23	P = 29	Z = 55

Code = **New lanes for bicycles**

Mystery 4: Notice of sale

True

False

False

True

False

More false than true, therefore answer = **water bottle**

Mystery 5: Natural instincts

1. Rabbit
2. Robin
3. Dragonfly
4. Salmon
5. Yeast
6. Bumblebee
7. Common frog
8. Pipistrelle bat

Answer remaining = wood mouse

Answer = **Silver birch**

Overall answer

Maryam Mackay