

Who Stays and Who Sleeps?

Page 1 — Crack the animal codes

Every picture hides a number. The same picture always means the same number. Find the numbers, then read the name of an animal!

Puzzle 1 — This bird stays all winter

$$\star + \star = 12$$

$$\text{apple} - \star = 3$$

$$\text{pumpkin} = \text{apple} + \star$$

Write the number for each picture:



Y

= _____



J

= _____



A

= _____

Put the letters in order from the smallest number to the biggest. Which bird is it?

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Puzzle 2 — This animal sleeps all winter

$$\text{acorn} + \text{acorn} = 8$$

$$\text{mushroom} - \text{acorn} = 3$$

$$\text{pear} - \text{mushroom} = 5$$

$$\text{sunflower} - \text{pear} = 8$$

Write the number for each picture:



A

= _____



R

= _____



B

= _____



E

= _____

Put the letters in order from the smallest number to the biggest. Which animal is it?

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Page 2 — The jay hides acorns

A blue jay hides acorns for the winter. He hid them in three trees: an Oak, a Pine and a Birch. One tree has 12 acorns, one has 15 and one has 20. The jay remembers only this:

1. The Oak has an even number of acorns.
2. The Pine has more acorns than the Oak.
3. The Birch has an odd number of acorns.

How many acorns are in each tree? Write the numbers in the table.

Tree	Oak	Pine	Birch
Acorns			

Which clue did you use first? Circle it: 1 2 3

How many acorns did the jay hide altogether? _____ + _____ + _____ = _____

The jay eats 6 acorns from the Birch. Now the Birch has _____ acorns.

Draw the three trees and the acorns in them:

Did you know?

A blue jay can carry 3 to 5 acorns at once — in its throat and beak! One jay can hide several thousand acorns in a single autumn. It forgets some of them, and those acorns grow into new oak trees. So jays are tree planters.

Page 3 — The sleeping bear

Before winter, a bear is very fat. She weighs 120 kg. While she sleeps, she does not eat, so every month she loses 8 kg.

Month of sleep	0	1	2	3	4	5
Bear weighs (kg)	120	112				

- a) After how many months does she weigh 96 kg? _____ months
- b) How much does the bear weigh after 5 months? _____ kg
- c) How many kilograms does she lose in 5 months? _____ kg
- d) The bear sleeps 5 months. In spring she weighs _____ kg. How much must she eat to get back to 120 kg? _____ kg
- e) Colour one box for every 8 kg the bear loses in 5 months:

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Did you know?

A sleeping bear does not eat, drink or go to the toilet for up to 6 months! Its heart slows down from about 40 beats a minute to only 8. Baby bears are born in the den in the middle of winter, while the mother is still sleeping. They are tiny — about the size of a squirrel.

Answer Key (for the teacher)

Level 1

Puzzle 1: leaf J = 6, apple A = 9, pumpkin Y = 15 → JAY (blue jays stay all winter and hide acorns).

Puzzle 2: acorn B = 4, mushroom E = 7, pear A = 12, sunflower R = 20 → BEAR.

Page 2: Birch is odd → 15 (clue 3 first). Oak is even → 12 or 20; Pine has more than Oak → Pine 20, Oak 12. Total 47; Birch after eating: 9.

Page 3: 120, 112, 104, 96, 88, 80. a) 3 months b) 80 kg c) 40 kg d) 80 kg, must eat 40 kg e) 5 boxes coloured.