

## The Lucky Locket

(for Zoe and Ethan)

Five friends were taking a stroll one day when the oldest creature spotted a lucky silver heart locket behind a fallen branch of a giant tea tree. The creatures were: a zebra, a cow, a panda, a tiger, and a dinosaur.

Which creature found the lucky locket?



### Clues:

1. The creature who was the colour of all the other creatures mixed together was  $1 + 1 + 1 + 2 + 2$  years old.
2. Both striped creatures had even-numbered ages.
3. Both creatures who were two colours but not striped had odd-numbered ages.
4. One creature's age was the 5th term in this sequence:  $0, 2, 4, \_, \_, \_$ .
5. One creature's age was the 6th term in this sequence:  $0, 3, 6, \_, \_, \_$ .
6. The zebra was 2 years older than the tiger.
7. One creature's age was the solution to  $100 + \square = 105$ .
8. One creature's age was  $5 + 5$ .
9. The cow's age was the sum of the ages of the tiger and the dinosaur.

zebra					
cow					
panda					
tiger					
dinosaur					