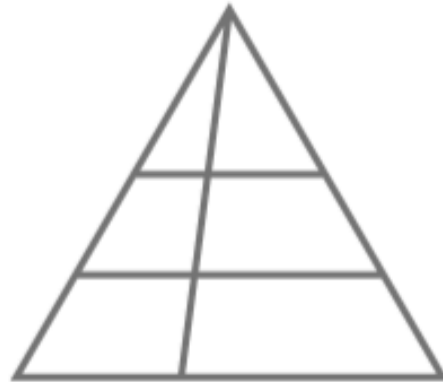


## Challenge 9

### Spot the shapes 1

1. How many triangles can you count?



2. How many rectangles can you count?



3. Draw your own diagram to count triangles.  
How many can a friend find?  
Can you find more?

25

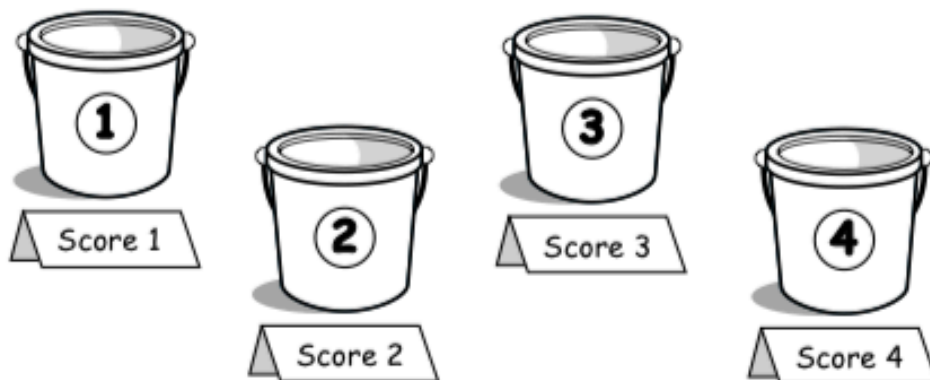
#### Teaching objectives

Solve mathematical problems or puzzles.  
Visualise 2-D shapes.  
Explain methods and reasoning.

## Challenge 10

### Bean-bag buckets

Dan threw 3 bean-bags.  
Each bag went in a bucket.  
More than one bag can go in a bucket.



1. What is the highest score Dan can get?
2. Find three ways to score 6.
3. Find three ways to score 9.
4. What other scores can Dan get?

**5**

#### Teaching objectives

Solve mathematical problems or puzzles.  
Know addition facts up to 10.