

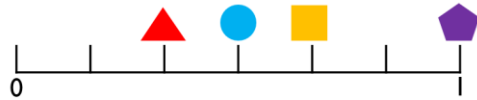


# West Byfleet Junior School

## Problem of the Week - Week 21



**2 Points**



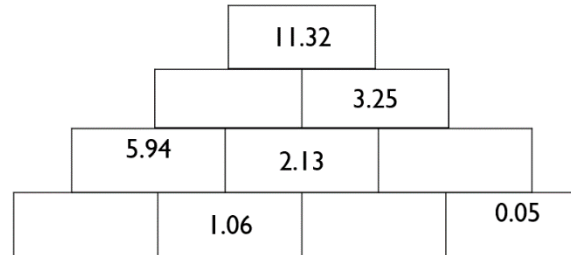
Use the clues to work out which fraction is being described for each shape.

- My denominator is 6 and my numerator is half of my denominator.
- I am equivalent to  $\frac{4}{12}$
- I am equivalent to one whole
- I am equivalent to  $\frac{2}{3}$

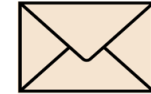
Can you write what fraction each shape is worth?

**4 Points**

In this number pyramid, each number is calculated by adding the two numbers underneath.



**5 Points**



Two envelopes contain two different numbers.

- The sum of the numbers is 9.92
- The difference between the numbers is 2.32

What numbers are inside the envelopes?

Attempt to solve one or more of the problems and submit your solutions to Miss Eastland via email [eeastland@west-byfleet-junior.surrey.sch.uk](mailto:eeastland@west-byfleet-junior.surrey.sch.uk)

**Submit your solution** on or **before Wednesday 19<sup>th</sup> May** for your points to be added to the leaderboard, if your answer(s) are correct.

The leaderboard, weekly problems and solutions can be found on the school website under: Pupils - Our Curriculum- Mathematical Development- Problem of the Week