



West Byfleet Junior School
Problem of the Week - Week 18



2 Points

What fraction of the fruits are apples?



For a bonus point:

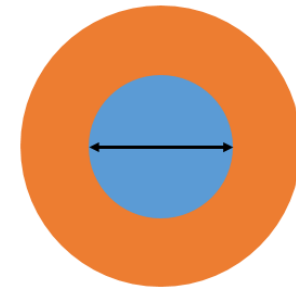
Can you write the fraction in its simplest form?

3 Points

Eva mixes 2 parts of juice with 3 parts of water
If she uses 10 parts of juice, how many parts of water should she use?

7 Points

Here are 2 circles. Circle A is blue; Circle B is orange.
The diameter of Circle A is $\frac{3}{4}$ the diameter of Circle B.
If the diameter of Circle B is 12 cm, what is the diameter of Circle A?
If the diameter of Circle A is 12 cm, what is the radius of Circle B?
If the diameter of Circle B is 6 cm, what is the diameter of Circle A?
If the diameter of Circle A is 6 cm, what is the radius of Circle B?



Attempt to solve one or more of the problems and submit your solutions to Miss Eastland via email eastland@west-byfleet-junior.surrey.sch.uk

Submit your solution on or **before Wednesday 28th April** 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