

WALT: Use short division

The children of Dove Primary School have their sports day today. They are all really excited!

The teachers want to put them into teams. There are **498** children in the school.

Use short division to work out the answers to these problems.

1. How many teams will there be if they are sorted into teams of 3 children? \_\_\_\_\_  
Will there be any children left who are not in a team of 3? \_\_\_\_\_
  
2. What if they are sorted into teams of 4 children? \_\_\_\_\_  
Will there be any children left who are not in a team of 4? \_\_\_\_\_
  
3. What if they are sorted into teams of 6 children? \_\_\_\_\_  
Will there be any children left who are not in a team of 6? \_\_\_\_\_
  
4. What if they are sorted into teams of 8 children? \_\_\_\_\_  
Will there be any children left who are not in a team of 8? \_\_\_\_\_
  
5. How many teams will there be if they are sorted into teams of 12 children? \_\_\_\_\_  
Will there be any children left who are not in a team of 12? \_\_\_\_\_
  
6. The teachers buy each child an ice cream to have after the races. The ice creams come in packs of 5. How many packs will they need to buy? \_\_\_\_\_
  
7. Each child needs a medal for taking part. Medals come in packs of 11. How many packs does Dove Primary School need? \_\_\_\_\_
  
8. If each bottle of squash makes 20 cups of orange juice and the school buys 25 bottles, will there be enough for all of the children to have a drink? \_\_\_\_\_