# 

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**IO2: MODULE 5**

**ACTIVITY SHEET M5.4**

**How might families feel about checking their level of maths ?**

These tests are useful for understanding **how parents might feel if** someone asks them to take a maths test.

Read the questions and then see how you feel.

1. On the last day of school, pupils were allowed to bring some snacks to share with each other. 5 pupils brought 3 apples each, 6 pupils brought 2 bananas each, and 3 pupils brought 4 nectarines each. How many pieces of fruit were there in total?
2. Pupils travelled to the Football Competition Final and returned to the school by bus. A one way journey was 160 kilometres long. Let 1 kilometre be equal to 5/8 of a mile. How many miles did the bus travel that day with the pupils?
3. There are twenty-four pupils in a class. 50% of the class are girls. 25% of the

girls have blue eyes. What fraction of the whole class are girls with blue eyes?[[1]](#footnote-1)

Do you feel Happy? Sad ? Worried ? Excited ? Anxious?

*If you want to check your calculations the answers are over the page.*

**Answers**

1. **Apples + Bananas + Nectarines = Fruit**

**(5 x3) + (6x 2) + (3x4) = 39**

**2) 1 Km = ⅝ mile - there are many different ways to calculate this problem this is just one way**

**8 Km = 5 miles (multiply both sides by 8)**

**16 Km = 10 Miles (multiply both sides by 2)**

**160 Km = 100 Miles (multiply both sides by 10)**

**3) 24 pupils**

**50% = 50 = 1 (a half)**

**100 2**

**so 50% (half) of 24 = 12**

**25% = 25 = 1 (a quarter) one in every four**

**100 4**

**so 25% ( a quarter ) of 12 = 3 girls with blue eyes**

**So 3 out of 24 pupils have blue eyes = 3 = 1**

**24 8**

**1 in every 8 students will be girls with blue eyes**

1. SOURCE : *https://www.mathcentre.ac.uk/resources/uploaded/numeracy-professional-skills-test-1-questions.pdf* [↑](#footnote-ref-1)