Know how your calculator works

Below you will find some questions, answers. Either my teacher has said I am wrong or the calculator won't let me do the work. Can you help me resolve the problem?
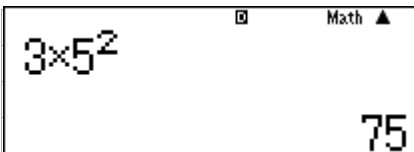
Q1. Anne has €3, her mother pays her €4 for tidying the bedroom. Her dad says he will double everything she saves. If she saves her total money how much will Anne have?

```
3+4×2                Math ▲

                        11
```

$= €11$ ✗ wrong
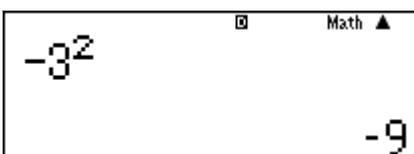
Q2. Cammie went to town one day and had €18. He spent €4 on lunch and then bought two games with the rest of it. How much did each game cost?

```
18−4÷2               Math ▲

                        16
```
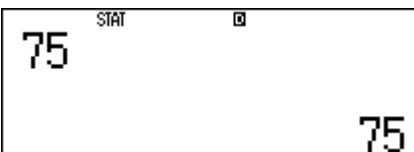
$= €16$ ✗ wrong

Q3. Sheelagh organises her marble collection into 3 rows of 5. She has lots of small sets, she then finds she can organise these into square pattern with these. How many marbles does she have?

```
3×5²                 Math ▲

                        75
```

$= 75$ marbles   ✗ wrong
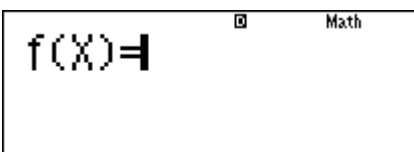
Q4. John needed to multiply -3 by -3 he writes down the answer, why is he wrong?

```
−3²                  Math ▲

                        -9
```

$= -9$ ✗ wrong

Q5. Audrey is trying to find the prime factors of 75, but her calculator isn't allowing her to. Why not?

```
        STAT

75

                        75
```

Q6. Whenever Annie switches on her calculator she can't get it to work. How can she get it back so she can do her sums?

```
                     Math

f(X)=
```

Q7. Maria is having problems with her calculator, when she does her sums lots of zero's keep appearing. Why?
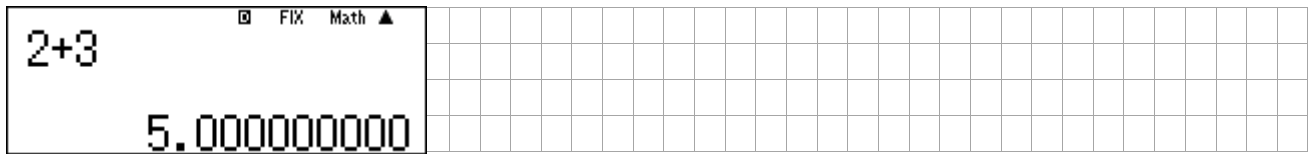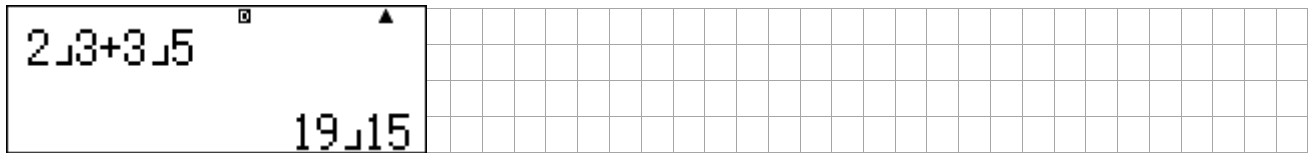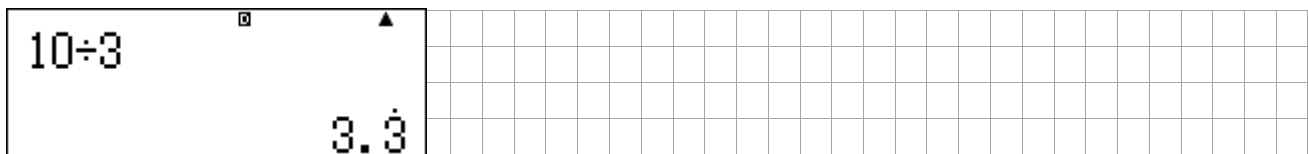
```
⊡   FIX   Math ▲
2+3

          5.000000000
```

Q8. Tony is trying to add fractions, but doesn't like the way the calculator is doing it, can he change it?

```
           ⊡          ▲
2⌐3+3⌐5

              19⌐15
```

Q9. Bernie is sharing 10 cakes for her three dolls, she's not sure what the calculator means

```
           ⊡          ▲
10÷3

                3.3̇
```

Q10. Trisha needs to type in the fraction $2\frac{1}{5}$ but the calculator won't let her, or will it?

```
           ⊡      Math ▲
 2
 ─
 □
```
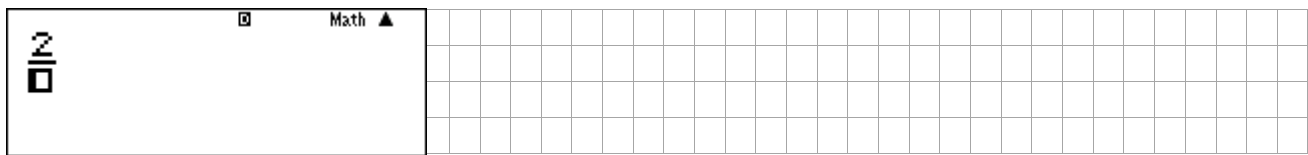
Q11. Fiona did the question below using the ANS key, why did she get it wrong?

Amanda: Brenda: Ciara: Danielle have pictures of JLS in the ratio 5:2:4:1 (Danielle has sense, she doesn't like them very much) they have 492 posters in total. How many do they each have?

12 shares =	492
1 share =	41
5 shares =	205
2 shares =	410
4 shares =	1640
1 share =	1640

✗ wrong

Q12. Siona said it would have been easier to store the 41 into the memory, how could she do that?

Q13. Tony is answering the question: find two different numbers that when multiplied by themselves they equal 25. He only has one value. Can you help him?

```
 ___            ▫        Math ▲
√25

                          5
```

Q14. Caroline is doing a trigonometry question and is getting a different answer from the rest of her class, why?

```
               ▪        Math ▲
sin(50)

    -0.2623748537
```

Q15. Noel says that if even though Caroline's calculator was setup differently, she should have been able to tell her calculator she was working in degrees. How?

Q16. Gary's big brother stole his calculator, now he can barely see the screen when he uses it. What did his brother do and how does he change it back?

Q17. Jillian needs to find the mean for a frequency table, what does she need to do before she puts it into STATS MODE

Q18. Padraic needed to bring a di to class, but forgot. His friend tells him he can use his calculator to generate a whole number between 1 and 6. How can he?