



Two stars - Can I use stem sentences to explain my problem solving and reasoning methods?

1. Freddie has been multiplying numbers by 1 and 0.

When multiplying by 1 and by 0, the answer is always the same as the number being multiplied.

For example,
 $2 \times 0 = 2$ and $5 \times 1 = 5$.

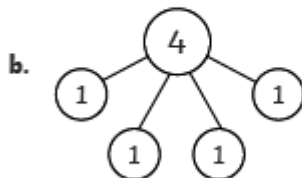


Is Freddie correct? Explain your answer using examples.

2. a) Look at these number representations. Circle the odd one out.



c. $1 + 1 + 1 + 1 = 4$



d. There is one group of 4 ones.

- b) Explain why you circled this representation.

3. Maria has completed these calculations. Identify which calculations are correct and where she has made a mistake, correct her calculation.

| Calculation | Correct or Incorrect? | Correction |
|--------------------|-----------------------|------------|
| $8 \times 1 = 8$ | | |
| $0 \times 12 = 12$ | | |
| $1 \times 7 = 0$ | | |
| $10 \times 0 = 10$ | | |