

And describe one-half as one of 2 equal parts of...

recognise and describe one-half as one of 2 equal parts of a whole and connect halves, quarters and eighths through repeated halving

Learning intention

- recognise and describe one-half as one of 2 equal parts of a whole and connect halves, quarters and eighths through repeated halving

Teach and model

- creating halves of a range of collections sets by sharing collections into 2 equal groups; for example, comparing half of a set of 12 washers with half of a set of 8 bolts to...
- creating halves using measurement attributes; for example, explaining that "a half is one part out of 2 equal parts of a whole"; equally folding a strip of paper...
- using repeated halving to subdivide shapes and objects in different ways to make corresponding halves, quarters and eighths; naming the parts and comparing the size of...

Check understanding

- Explain the main idea in and describe one-half as one of 2 equal parts of... using an example.
- Show the idea in a second way: with words, a model, a diagram or symbols.
- Apply the idea to a short unfamiliar situation and justify the result.

Teaching cautions

- Ask the student to explain their choice, not only state an answer.
- Check that key vocabulary is understood in a new example.
- Mix representations so the skill is transferred rather than copied.

Quick lesson sequence

- Connect to prior knowledge and introduce the key vocabulary.
- Model one clear example, then solve a second example together.
- Finish with an independent check and a short student explanation.