Repeated halving

6 practice questions

1. How many equal pieces are there after halving one whole once?

One whole becomes two equal halves.

Answer: 2

2. How many quarters are made by halving both halves?

Each of two halves gives two quarters.

Answer: 4

3. How many eighths fit into one quarter?

Halving one quarter makes two eighths.

Answer: 2 eighths.

4. A strip has eight equal pieces. What is each piece called?

The whole is shared into eight equal parts.

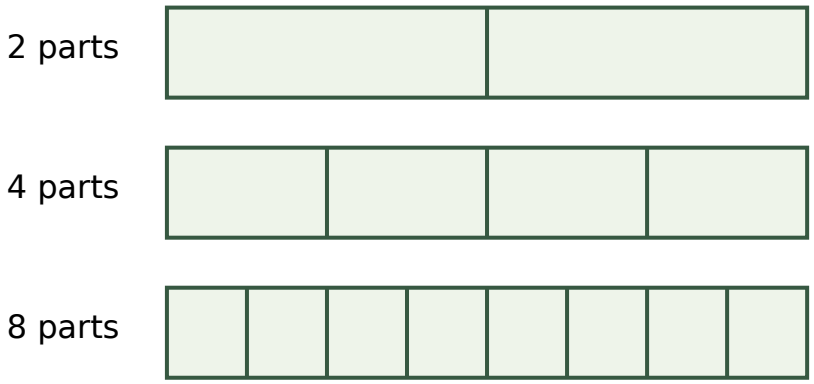
Answer: One eighth.

5. After making halves, Kai cuts only one half again. Are all three pieces equal? Explain.

Both halves would need to be halved to make equal quarters.

Answer: No. One half is larger than either of the two smaller pieces.

6. Use the same-sized strips shown. Which is larger: one half or one eighth?



The same whole is split into fewer pieces for halves, so each half is larger.

Answer: One half.