Equal shares: halves, thirds, fourths

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Use the explanations to discuss the idea. A worked answer is one example; equivalent answers may also be valid.

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1. Choose the bar split into 2 equal shares.

Model B

A whole split into 2 equal shares has halves. Counting pieces alone is not enough: their areas must match.

2. Choose the circle split into 2 equal shares.

Model B

A whole split into 2 equal shares has halves. Counting pieces alone is not enough: their areas must match.

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3. Choose the circle split into 3 equal shares.

Model B

A whole split into 3 equal shares has thirds. Counting pieces alone is not enough: their areas must match.

4. This bar is split into halves. How many equal shares make one whole?

2

A whole split into 2 equal shares has halves. Counting pieces alone is not enough: their areas must match.

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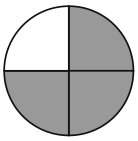
5. This circle is split into fourths. How many equal shares make one whole?

4

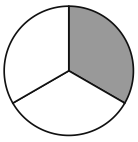
A whole split into 4 equal shares has fourths. Counting pieces alone is not enough: their areas must match.



6. This circle is split into thirds. How many equal shares make one whole?

3

A whole split into 3 equal shares has thirds. Counting pieces alone is not enough: their areas must match.



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7. Which model can be called fourths? Check the size, not only the number, of the shares.

Model A

A whole split into 4 equal shares has fourths. Counting pieces alone is not enough: their areas must match.

8. One whole paper strip is shared equally among 3 people. How many equal shares make the whole?

3

A whole split into 3 equal shares has thirds. Counting pieces alone is not enough: their areas must match.