

Start with fraction meaning · Lesson A

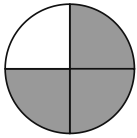
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Use the explanations to discuss the idea. A worked answer is one example; equivalent answers may also be valid.

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

4

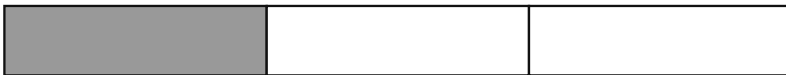
A whole split into 4 equal shares has fourths. Counting pieces alone is not enough: their areas must match.



2. Write the fraction shown by the one shaded part.

1/3

One out of 3 equal parts is $\frac{1}{3}$.



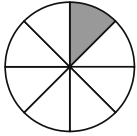
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3. Write the fraction shown by the one shaded part.

$\frac{1}{8}$

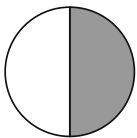
One out of 8 equal parts is $\frac{1}{8}$.



4. What fraction of the whole is shaded?

$\frac{1}{2}$

1 out of 2 equal parts are selected, so the fraction is $\frac{1}{2}$.



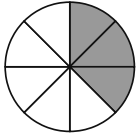
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5. What fraction of the whole is shaded?

$\frac{3}{8}$

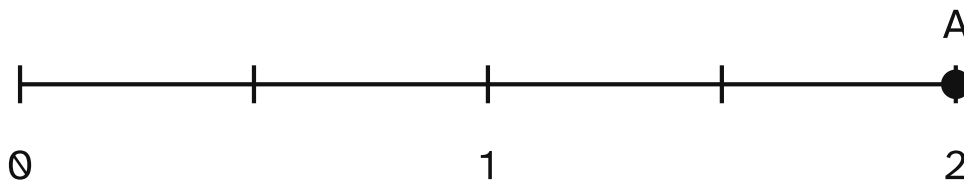
3 out of 8 equal parts are selected, so the fraction is $\frac{3}{8}$.



6. What fraction names point A? The distance from 0 to 1 is one whole.

2

A is 4 spaces of $\frac{1}{2}$ from zero: $\frac{4}{2} = 2$.



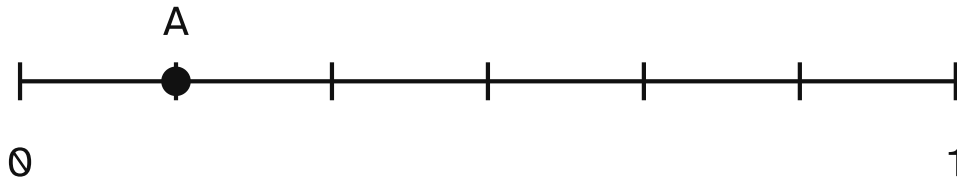
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7. What fraction names point A? The distance from 0 to 1 is one whole.

$\frac{1}{6}$

A is 1 spaces of $\frac{1}{6}$ from zero: $\frac{1}{6}$.



8. What fraction of the whole is shaded? Which reason would help you solve this correctly?

The denominator is 4 because all 4 equal parts make one whole.

