

Read and build fraction models

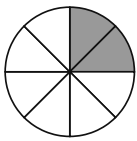
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Use the explanations to discuss the idea. A worked answer is one example; equivalent answers may also be valid.

1. Shade 2 of the 8 equal parts to make $\frac{2}{8}$.

Shade 2 of the 8-sized parts.

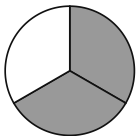
2 out of 8 equal parts are selected, so the fraction is $\frac{2}{8}$.



2. What fraction of the whole is shaded?

$\frac{2}{3}$

2 out of 3 equal parts are selected, so the fraction is $\frac{2}{3}$.



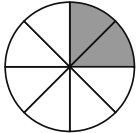
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3. What fraction of the whole is shaded?

$\frac{1}{4}$

2 out of 8 equal parts are selected, so the fraction is $\frac{2}{8}$.



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

The denominator is 3 because all 3 equal parts make one whole.



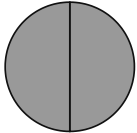
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5. A paper design uses the shaded parts of one whole disc. What fraction is used?

1

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



6. A paper design uses the shaded parts of one whole disc. What fraction is used?

0

0 out of 3 equal parts are selected, so the fraction is $\frac{0}{3}$.



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

$\frac{1}{2}$

One out of 2 equal parts is $\frac{1}{2}$.



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

$\frac{1}{3}$

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

