

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 0 of the 3 equal parts to make 0/3.

Shade 0 of the 3-sized parts.

0 out of 3 equal parts are selected, so the fraction is 0/3.



2. What fraction of the whole is shaded?

1

6 out of 6 equal parts are selected, so the fraction is 6/6.



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3. What fraction of the whole is shaded?

0

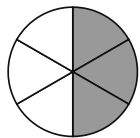
0 out of 4 equal parts are selected, so the fraction is 0/4.



4. What fraction of the whole is shaded?

1/2

3 out of 6 equal parts are selected, so the fraction is 3/6.



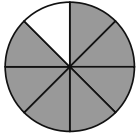
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5. What fraction of the whole is shaded?

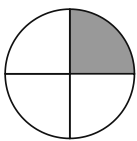
$\frac{7}{8}$

7 out of 8 equal parts are selected, so the fraction is $\frac{7}{8}$.



6. 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.



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

$\frac{2}{3}$

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



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

$\frac{1}{4}$

One out of 4 equal parts is $\frac{1}{4}$.

