

# 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.

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1. Shade 0 of the 6 equal parts to make 0/6.

**Shade 0 of the 6-sized parts.**

0 out of 6 equal parts are selected, so the fraction is 0/6.

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2. What fraction of the whole is shaded?

**0**

0 out of 2 equal parts are selected, so the fraction is 0/2.

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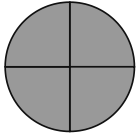
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**3.** What fraction of the whole is shaded?

**1**

4 out of 4 equal parts are selected, so the fraction is  $\frac{4}{4}$ .



**4.** What fraction of the whole is shaded?

**$\frac{5}{6}$**

5 out of 6 equal parts are selected, so the fraction is  $\frac{5}{6}$ .



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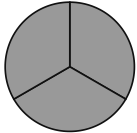
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5. What fraction of the whole is shaded?

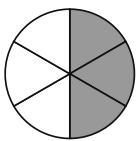
1

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



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

**The denominator is 6 because all 6 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?

**1**

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



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

**$1/4$**

One out of 4 equal parts is  $1/4$ .

