

Equivalent fractions with models

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Take your time. Show your thinking. All equivalent answers are welcome unless a particular form is requested.

1. Split each original part into 2 equal pieces. Keep the shaded amount the same.



Draw the new equal divisions inside each original part above.

2. Write a fraction equal to $\frac{3}{3}$ with denominator 6.



Answer: _____

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3. Write a fraction equal to $\frac{2}{2}$ with denominator 8.



Answer: _____

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4. Write a fraction equal to $\frac{5}{3}$ with denominator 6. Which reason would help you solve this correctly?



- A. Each old part becomes 2 smaller equal parts. Change both numerator and denominator by the same factor.
- B. Change the denominator but leave the numerator unchanged.
- C. A larger denominator always means a larger amount.

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5. A ribbon is $\frac{1}{3}$ meter long. Express that same length with denominator 6.



Answer: _____

6. A ribbon is $\frac{1}{2}$ meter long. Express that same length with denominator 6.



Answer: _____

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7. What fraction of the whole is shaded?



Answer: _____

8. What fraction of the whole is shaded?



Answer: _____