

Equivalent fractions with models

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Name: _____ Date: _____

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 $\frac{4}{2}$ with denominator 6.



Answer: _____

- 3.** Write a fraction equal to $\frac{6}{4}$ with denominator 8.



Answer: _____

- 4.** Write a fraction equal to $\frac{1}{2}$ with denominator 4. Choose the explanation.



- A. Split every part equally; multiply numerator and denominator by the same factor.
- B. Make smaller parts by multiplying the denominator and keeping the numerator unchanged.
- C. Add the same number to numerator and denominator to keep the amount equal.

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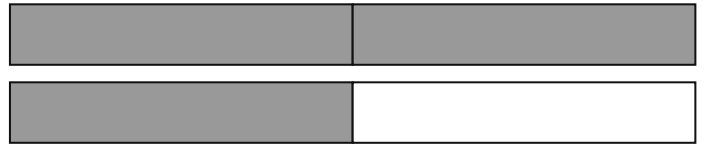
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5. A ribbon is $\frac{1}{2}$ meter long. Express that same length with denominator 4.



Answer: _____

6. A ribbon is $\frac{3}{2}$ meter long. Express that same length with denominator 6.



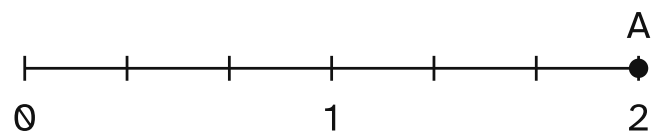
Answer: _____

7. What fraction of the whole is shaded?



Answer: _____

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



Answer: _____