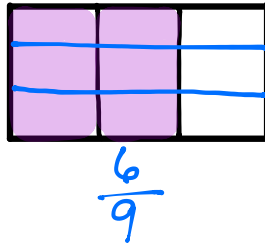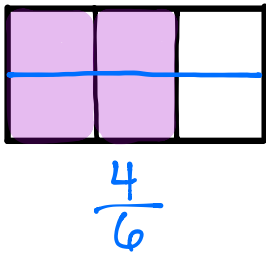Name _____   Date _____

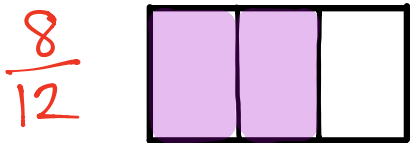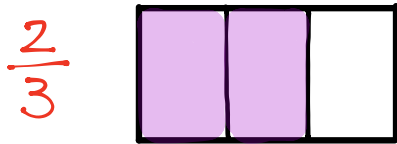1. Solve.

    2 thirds is equal to __8__ twelfths.

    $$\frac{2}{3} = \frac{8}{12}$$

2. Draw and label two models that show fractions equivalent to those in Problem 1.

    $$\frac{4}{6}$$ $$\frac{6}{9}$$

3. Use words to explain why the two fractions in Problem 1 are equal.

    $$\frac{2}{3}$$

    $$\frac{8}{12}$$

    $\frac{2}{3}$ is equal to $\frac{8}{12}$ because each third has been cut into 4 pieces, so 3 thirds multiplied by 4 gives 12 twelvths. The two shaded pieces multiplied by 4 becomes 8 shaded pieces.

    $$\frac{2 \times 4}{3 \times 4} = \frac{8}{12}$$

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