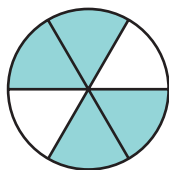


Making Equivalent Fractions

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Complete the fractions to make the sentences true.
Draw pictures to help you complete Problems 3
and 4, if it will help.

1



$$\frac{4}{6} = \frac{2}{\square}$$

$$\frac{4}{6} = \frac{\square}{18}$$

$$\frac{4}{6} = \frac{8}{\square}$$

$$\frac{4}{6} = \frac{\square}{60}$$

2



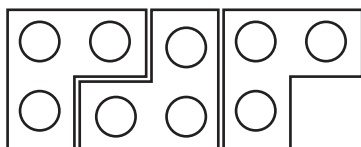
$$\frac{3}{5} = \frac{6}{\square}$$

$$\frac{3}{5} = \frac{9}{\square}$$

$$\frac{3}{5} = \frac{\square}{30}$$

$$\frac{3}{5} = \frac{\square}{25}$$

3



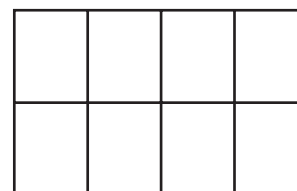
$$\frac{2}{3} = \frac{\square}{6}$$

$$\frac{2}{3} = \frac{20}{\square}$$

$$\frac{2}{3} = \frac{10}{\square}$$

$$\frac{2}{3} = \frac{\square}{21}$$

4



$$\frac{5}{8} = \frac{\square}{16}$$

$$\frac{5}{8} = \frac{15}{\square}$$

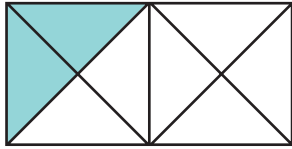
$$\frac{5}{8} = \frac{25}{\square}$$

$$\frac{5}{8} = \frac{\square}{80}$$

5 Write 3 fractions that are equivalent to $\frac{4}{5}$.

Use = or \neq to show whether the fractions are equal or not.

6



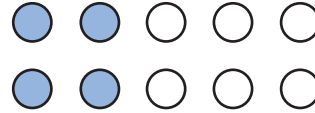
$$\frac{2}{8} \text{ } \textcircled{=} \text{ } \frac{1}{4}$$

$$\frac{2}{8} \text{ } \textcircled{\quad} \text{ } \frac{3}{8}$$

$$\frac{2}{8} \text{ } \textcircled{\quad} \text{ } \frac{1}{2}$$

$$\frac{1}{2} \text{ } \textcircled{\quad} \text{ } \frac{4}{8}$$

7



$$\frac{4}{10} \text{ } \textcircled{\quad} \text{ } \frac{2}{5}$$

$$\frac{4}{10} \text{ } \textcircled{\quad} \text{ } \frac{4}{5}$$

$$\frac{1}{2} \text{ } \textcircled{\quad} \text{ } \frac{5}{10}$$

$$\frac{3}{5} \text{ } \textcircled{\quad} \text{ } \frac{1}{4}$$



8 In the fourth grade, $\frac{1}{5}$ of the students were absent on Monday and $\frac{2}{10}$ were absent on Tuesday. Were the numbers of absent students on the two days the same or different? Explain how you found the answer.

9 **Challenge** Find a rule. Then complete the fractions.

2	10	1	3	8	<input type="text"/>	<input type="text"/>	<input type="text"/>	n
12	60	6	<input type="text"/>	<input type="text"/>	24	54	120	<input type="text"/>

10 **Challenge** Find a rule. Then complete the fractions.

6	15	3	9	<input type="text"/>	<input type="text"/>	30	<input type="text"/>	$3 \times n$
16	40	8	<input type="text"/>	56	32	<input type="text"/>	160	<input type="text"/>