Name _____ Date _____

Equivalent Fractions: Practice

PART 1 Expand and simplify

1 Draw a line between equal fractions.

$\frac{1}{2}$ •	• $\frac{9}{12}$
$\frac{2}{3}$ •	• $\frac{4}{10}$
$\frac{3}{4}$ •	• $\frac{10}{12}$
$\frac{2}{5}$ •	• $\frac{5}{10}$
$\frac{5}{6}$ •	• $\frac{8}{12}$

2 Fill in the table.

Fraction	Expanded by 3	Simplest form
$\frac{6}{8}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{10}{15}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{12}{20}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{14}{16}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$

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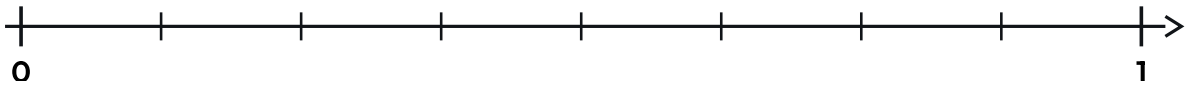
PART 2 Comparing and using

3 Order the fractions from least to greatest. First expand them to the denominator 24.

$\frac{3}{4} = \frac{\square}{24}$ $\frac{5}{8} = \frac{\square}{24}$ $\frac{2}{3} = \frac{\square}{24}$ $\frac{7}{12} = \frac{\square}{24}$

$\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$

4 The line from 0 to 1 is divided into eighths. Mark $\frac{1}{2}$, $\frac{3}{4}$ and $\frac{5}{8}$, then complete.



$\frac{1}{2} = \frac{\square}{8}$ $\frac{3}{4} = \frac{\square}{8}$

5 Luka has read $\frac{12}{18}$ of a book and Ivana $\frac{10}{15}$ of the same kind of book. Who has read more? Explain.

6 Write three fractions equal to $\frac{3}{5}$, each with a denominator greater than 20.

$\frac{\square}{\square}$ $\frac{\square}{\square}$ $\frac{\square}{\square}$