Year 4 Worksheet 7: Fraction

Question 1: Find the equivalent fraction.

$\frac{2}{3} = \frac{6}{9}$	$\frac{1}{5} = \_\_$	$\frac{3}{4} = \_\_$
$\frac{2}{5} = \_\_$	$\frac{1}{6} = \_\_$	$\frac{2}{7} = \_\_$
$\frac{3}{7} = \_\_$	$\frac{2}{4} = \_\_$	$\frac{5}{6} = \_\_$
$\frac{7}{11} = \_\_$	$\frac{5}{9} = \_\_$	$\frac{8}{13} = \_\_$
$\frac{6}{12} = \_\_$	$\frac{9}{15} = \_\_$	$\frac{7}{14} = \_\_$
$\frac{7}{13} = \_\_$	$\frac{2}{9} = \_\_$	$\frac{6}{13} = \_\_$
$\frac{6}{15} = \_\_$	$\frac{3}{15} = \_\_$	$\frac{2}{14} = \_\_$

Question 2: Compare the following fractions by using >, <, =

Hint: If they have different denominators, find their equivalent fractions.

$\frac{2}{3} > \frac{1}{3}$	$\frac{1}{4} \_\_\_\_ \frac{3}{4}$	$\frac{3}{5} \_\_\_\_ \frac{3}{5}$
$\frac{1}{6} \_\_\_\_ \frac{7}{6}$	$\frac{2}{7} \_\_\_\_ \frac{4}{7}$	$\frac{4}{6} \_\_\_\_ \frac{2}{6}$
$\frac{12}{23} \_\_\_\_ \frac{11}{23}$	$\frac{13}{21} \_\_\_\_ \frac{21}{21}$	$\frac{15}{20} \_\_\_\_ \frac{15}{20}$
$\frac{22}{33} \_\_\_\_ \frac{25}{33}$	$\frac{32}{45} \_\_\_\_ \frac{39}{45}$	$\frac{24}{43} \_\_\_\_ \frac{44}{43}$
$\frac{2}{12} \_\_\_\_ \frac{1}{6}$	$\frac{2}{10} \_\_\_\_ \frac{2}{5}$	$\frac{3}{9} \_\_\_\_ \frac{3}{1}$
$\frac{4}{8} \_\_\_\_ \frac{2}{4}$	$\frac{12}{24} \_\_\_\_ \frac{1}{12}$	$\frac{21}{7} \_\_\_\_ \frac{1}{3}$
$\frac{4}{4} \_\_\_\_ \frac{1}{2}$	$\frac{5}{4} \_\_\_\_ \frac{4}{5}$	$\frac{11}{20} \_\_\_\_ \frac{1}{2}$
$\frac{3}{12} \_\_\_\_ \frac{1}{4}$	$\frac{3}{18} \_\_\_\_ \frac{6}{1}$	$\frac{21}{21} \_\_\_\_ \frac{23}{23}$

Question 3: Add the following fractions. Simplify the answer.
Hint: If they have different denominators, find their equivalent fractions.

$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$	$\frac{1}{5} + \frac{2}{5} = \_\_$
$\frac{1}{2} + \frac{1}{2} = \_\_$	$\frac{2}{6} + \frac{1}{6} = \_\_$
$\frac{5}{11} + \frac{4}{11} = \_\_$	$\frac{12}{15} + \frac{2}{15} = \_\_$
$\frac{6}{14} + \frac{2}{14} = \_\_$	$\frac{2}{20} + \frac{15}{20} = \_\_$
$\frac{1}{4} + \frac{1}{2} = \_\_$	$\frac{1}{5} + \frac{2}{10} = \_\_$
$\frac{1}{3} + \frac{3}{9} = \_\_$	$\frac{1}{8} + \frac{2}{4} = \_\_$
$\frac{1}{5} + \frac{5}{15} = \_\_$	$\frac{1}{10} + \frac{3}{20} = \_\_$
$\frac{1}{15} + \frac{1}{3} = \_\_$	$\frac{4}{12} + \frac{1}{6} = \_\_$
$\frac{1}{16} + \frac{1}{8} = \_\_$	$\frac{1}{18} + \frac{4}{3} = \_\_$

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Answer Key

Question 1: Find the equivalent fraction.

Answers will vary. Below is just an example.

$\frac{2}{3} = \frac{6}{9}$	$\frac{1}{5} = \frac{2}{10}$	$\frac{3}{4} = \frac{6}{8}$
$\frac{2}{5} = \frac{4}{10}$	$\frac{1}{6} = \frac{2}{12}$	$\frac{2}{7} = \frac{4}{14}$
$\frac{3}{7} = \frac{6}{14}$	$\frac{2}{4} = \frac{3}{12}$	$\frac{5}{6} = \frac{10}{12}$
$\frac{7}{11} = \frac{14}{22}$	$\frac{5}{9} = \frac{10}{18}$	$\frac{8}{13} = \frac{16}{23}$
$\frac{6}{12} = \frac{1}{6}$	$\frac{9}{15} = \frac{3}{5}$	$\frac{7}{14} = \frac{1}{2}$
$\frac{7}{13} = \frac{14}{26}$	$\frac{2}{9} = \frac{4}{18}$	$\frac{6}{13} = \frac{12}{26}$
$\frac{6}{15} = \frac{12}{30}$	$\frac{3}{15} = \frac{1}{5}$	$\frac{2}{14} = \frac{1}{7}$

Question 2: Compare the following fractions by using >, <, =

$\frac{2}{3} > \frac{1}{3}$	$\frac{1}{4} < \frac{3}{4}$	$\frac{3}{5} = \frac{3}{5}$
$\frac{1}{6} < \frac{7}{6}$	$\frac{2}{7} < \frac{4}{7}$	$\frac{4}{6} > \frac{2}{6}$
$\frac{12}{23} > \frac{11}{23}$	$\frac{13}{21} < \frac{21}{21}$	$\frac{15}{20} = \frac{15}{20}$
$\frac{22}{33} < \frac{25}{33}$	$\frac{32}{45} < \frac{39}{45}$	$\frac{24}{43} < \frac{44}{43}$
$\frac{2}{12} = \frac{1}{6}$	$\frac{2}{10} < \frac{2}{5}$	$\frac{3}{9} < \frac{3}{1}$
$\frac{4}{8} = \frac{2}{4}$	$\frac{12}{24} = \frac{1}{12}$	$\frac{21}{7} > \frac{1}{3}$
$\frac{4}{4} > \frac{1}{2}$	$\frac{5}{4} > \frac{4}{5}$	$\frac{11}{20} > \frac{1}{2}$
$\frac{3}{12} = \frac{1}{4}$	$\frac{3}{18} < \frac{6}{1}$	$\frac{21}{21} = \frac{23}{23}$

Question 3: Add the following fractions.

$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$	$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$
$\frac{1}{2} + \frac{1}{2} = 1$	$\frac{2}{6} + \frac{1}{6} = \frac{1}{2}$
$\frac{5}{11} + \frac{4}{11} = \frac{9}{11}$	$\frac{12}{15} + \frac{2}{15} = \frac{14}{15}$
$\frac{6}{14} + \frac{2}{14} = \frac{4}{7}$	$\frac{2}{20} + \frac{15}{20} = \frac{17}{20}$
$\frac{1}{4} + \frac{1}{2} = \frac{3}{4}$	$\frac{1}{5} + \frac{2}{10} = \frac{2}{5}$
$\frac{1}{3} + \frac{3}{9} = \frac{2}{3}$	$\frac{1}{8} + \frac{2}{4} = \frac{5}{8}$
$\frac{1}{5} + \frac{5}{15} = \frac{8}{15}$	$\frac{1}{10} + \frac{3}{20} = \frac{1}{4}$
$\frac{1}{15} + \frac{1}{3} = \frac{2}{5}$	$\frac{4}{12} + \frac{1}{6} = \frac{1}{2}$
$\frac{2}{16} + \frac{1}{8} = \frac{1}{4}$	$\frac{1}{18} + \frac{4}{3} = \frac{25}{18}$