Master 5.29

Extra Practice 3

Lesson 5.3: Using Symbols to Add Fractions

1. Find a common denominator for each pair of fractions.

a) $\frac{5}{6}$ and $\frac{2}{3}$ **a)** $\frac{1}{4}$ and $\frac{1}{3}$ **c)** $\frac{5}{6}$ and $\frac{1}{4}$ **d)** $\frac{7}{8}$ and $\frac{2}{3}$

2. Add. Estimate first.

a) $\frac{1}{4} + \frac{3}{5}$ **b)** $\frac{5}{8} + \frac{1}{3}$ **c)** $\frac{2}{5} + \frac{1}{8}$ **d)** $\frac{3}{10} + \frac{1}{3}$

3. Add. Estimate first.

a) $\frac{3}{5} + \frac{1}{10}$ **b)** $\frac{3}{10} + \frac{1}{2}$ **c)** $\frac{6}{8} + \frac{3}{4}$ **d)** $\frac{3}{8} + \frac{5}{2}$

4. Add. Estimate first.

a) $\frac{1}{4} + \frac{3}{10}$ **b)** $\frac{5}{6} + \frac{7}{8}$ **c)** $\frac{4}{3} + \frac{1}{6}$ **d)** $\frac{7}{2} + \frac{3}{8}$

5. These are fractions of the students in a class who chose their favourite sport.

Baseball	Basketball	Hockey	Snowboarding	Swimming	Tennis
$\frac{1}{4}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{6}$	$\frac{1}{18}$	$\frac{1}{12}$

Calculate the total fraction of the class that chose:

a) sports played with a ball
b) sports played on a court
c) winter sports
d) sports that use a net

6. Which sum is greater?
How do you know?

$\frac{7}{8} + \frac{3}{4}$ or $\frac{5}{6} + \frac{3}{5}$