

## Compare Sums and Differences of Fractions with Like Denominators

 Evaluate and compare. Write  $<$  or  $>$  or  $=$ .

1)  $\frac{1}{2} + \frac{1}{2} \square \frac{1}{3}$

11)  $\frac{10}{15} + \frac{4}{15} \square \frac{9}{15}$

2)  $\frac{1}{4} + \frac{2}{4} \square 1$

12)  $\frac{15}{18} - \frac{3}{18} \square \frac{17}{18}$

3)  $\frac{1}{3} + \frac{1}{3} \square \frac{2}{3}$

13)  $\frac{17}{21} + \frac{4}{21} \square \frac{18}{21}$

4)  $\frac{1}{4} + \frac{2}{4} \square \frac{1}{4}$

14)  $\frac{14}{16} - \frac{4}{16} \square \frac{12}{16}$

5)  $\frac{3}{5} + \frac{2}{5} \square \frac{4}{5}$

15)  $\frac{27}{32} - \frac{11}{32} \square \frac{20}{32}$

6)  $\frac{5}{7} - \frac{3}{7} \square \frac{6}{7}$

16)  $\frac{25}{30} + \frac{5}{30} \square \frac{15}{30}$

7)  $\frac{5}{10} + \frac{2}{10} \square \frac{5}{10}$

17)  $\frac{25}{27} - \frac{3}{27} \square \frac{9}{27}$

8)  $\frac{5}{9} - \frac{3}{9} \square \frac{7}{9}$

18)  $\frac{42}{45} - \frac{15}{45} \square \frac{30}{45}$

9)  $\frac{10}{12} - \frac{5}{12} \square \frac{3}{12}$

19)  $\frac{28}{36} + \frac{5}{36} \square \frac{18}{36}$

10)  $\frac{3}{8} + \frac{1}{8} \square \frac{1}{8}$

20)  $\frac{18}{42} + \frac{13}{42} \square \frac{30}{42}$

# Answers

1)  $1 > \frac{1}{3}$

2)  $\frac{3}{4} < 1$

3)  $\frac{2}{3} = \frac{2}{3}$

4)  $\frac{3}{4} > \frac{1}{4}$

5)  $1 > \frac{4}{5}$

6)  $\frac{2}{7} < \frac{6}{7}$

7)  $\frac{7}{10} > \frac{5}{10}$

8)  $\frac{2}{9} < \frac{7}{9}$

9)  $\frac{5}{12} > \frac{3}{12}$

10)  $\frac{4}{8} > \frac{1}{8}$

11)  $\frac{14}{15} > \frac{9}{15}$

12)  $\frac{12}{18} < \frac{17}{18}$

13)  $1 > \frac{18}{21}$

14)  $\frac{10}{16} < \frac{12}{16}$

15)  $\frac{16}{32} < \frac{20}{32}$

16)  $1 > \frac{15}{30}$

17)  $\frac{22}{27} > \frac{9}{27}$

18)  $\frac{27}{45} < \frac{30}{45}$

19)  $\frac{33}{36} > \frac{18}{36}$

20)  $\frac{31}{42} > \frac{30}{42}$