

Add.

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

2 $\frac{7}{10} + \frac{1}{5}$

3 $\frac{2}{9} + \frac{1}{6}$

4 $\frac{5}{32} + \frac{1}{4}$

5 $\frac{1}{6} + \frac{2}{3}$

6 $\frac{5}{11} + \frac{1}{2}$

7 $\frac{3}{16} + \frac{3}{4}$

8 $\frac{3}{7} + \frac{1}{3}$

9 $\frac{5}{12} + \frac{3}{8}$

Solve.

Show your work.

- 10 Of the people who attended the school play, $\frac{5}{12}$ were students and $\frac{1}{8}$ were teachers. What fraction of the total audience were students or teachers?

- 11 Mara bought $\frac{2}{3}$ yard of yellow ribbon and $\frac{1}{4}$ yard of blue ribbon. How many yards of ribbon did she buy altogether?

- 12 For breakfast, Oliver drank $\frac{5}{16}$ of a pitcher of juice. His brother Joey drank $\frac{3}{8}$ of the pitcher of juice. What fraction of a pitcher did they drink together?

- 13 A recipe calls for $\frac{1}{3}$ cup of brown sugar and $\frac{3}{4}$ cup of white sugar. How much sugar is this altogether?

Solve for n or d .

1 $\frac{1}{6} = \frac{n}{24}$ _____

2 $\frac{3}{4} = \frac{15}{d}$ _____

3 $\frac{9}{54} = \frac{1}{d}$ _____

4 $\frac{10}{18} = \frac{n}{9}$ _____

5 $\frac{3}{7} = \frac{18}{d}$ _____

6 $\frac{3}{5} = \frac{n}{40}$ _____

7 $\frac{27}{36} = \frac{n}{4}$ _____

8 $\frac{14}{49} = \frac{2}{d}$ _____

9 $\frac{5}{6} = \frac{n}{48}$ _____

10 $\frac{1}{3} = \frac{20}{d}$ _____

11 $\frac{21}{56} = \frac{3}{d}$ _____

12 $\frac{20}{25} = \frac{n}{5}$ _____

Add or subtract.

13 $1\frac{1}{3} + 2\frac{1}{3}$ _____

14 $3\frac{3}{5} - 1\frac{1}{5}$ _____

15 $6\frac{3}{8} + 3\frac{5}{8}$ _____

16 $6\frac{3}{8} - 3\frac{5}{8}$ _____

17 $1\frac{5}{6} + 2\frac{5}{6}$ _____

18 $7 - 5\frac{1}{4}$ _____

Compare.

19 $\frac{3}{4} \bigcirc \frac{6}{7}$

20 $\frac{7}{15} \bigcirc \frac{2}{5}$

21 $\frac{1}{8} \bigcirc \frac{3}{20}$

22 $\frac{6}{100} \bigcirc \frac{6}{101}$

23 $\frac{19}{20} \bigcirc \frac{20}{21}$

24 $\frac{4}{5} \bigcirc \frac{7}{9}$

Solve.

Show your work.

- 25 In a hockey game, Seth took 12 shots and scored 3 times. Zak took 10 shots and scored twice. Who scored on a greater fraction of his shots?

- 26 Jia rode her bike $7\frac{7}{8}$ miles in the morning and another $6\frac{5}{8}$ miles in the afternoon. How many miles did she ride altogether?

- 27 **Stretch Your Thinking** Last season, Jenny made 3 out of every 4 free throws she took. If she took 48 free throws, how many did she make?
