

**Homework**

Notes and Examples

Add or subtract.

1.  $\frac{3}{5} + \frac{4}{5}$

2.  $\frac{6}{4} + \frac{3}{4}$

3.  $4\frac{2}{9} + 2\frac{7}{9}$

Additional Examples

$4 - \frac{1}{5}$

4.  $1\frac{7}{8} + 3\frac{3}{8}$

5.  $1\frac{7}{9} - \frac{4}{9}$

6.  $4\frac{6}{7} - 2\frac{5}{7}$

$3\frac{4}{5}$   
 $-\frac{1}{5}$   
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 $3\frac{3}{5}$

7.  $6\frac{4}{5} - 3\frac{2}{5}$

8.  $25\frac{5}{8} - 10\frac{1}{8}$

9.  $4\frac{1}{2} + 5\frac{1}{2}$

$3\frac{4}{5}$

10.  $3\frac{1}{7} + 2\frac{1}{7}$

11.  $1\frac{5}{7} + 1\frac{3}{7}$   
 $1\frac{5}{7}$   
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 $2\frac{10}{7}$

12.  $50\frac{1}{3} + 50\frac{1}{3}$   
 $50\frac{1}{3} + 50\frac{1}{3} = 100\frac{2}{3}$

13.  $2 - \frac{1}{3}$

14.  $5\frac{3}{8} - 2\frac{7}{8}$   
 $2\frac{10}{7}$   
 $2 + \frac{7}{7} + \frac{3}{7}$   
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 $2 + 1 + \frac{3}{7}$   
 $3\frac{3}{7}$

15.  $2\frac{1}{6} - 1\frac{5}{6}$

$1\frac{5}{7} \rightarrow \frac{5}{7}$

$1\frac{3}{7}$

Solve.

16. I made a clay snake  $9\frac{5}{8}$  inches long, but a section  $1\frac{7}{8}$  inches long broke off. How long is the snake now?

17. A group of campers hiked for  $5\frac{3}{4}$  hours today and  $6\frac{3}{4}$  hours yesterday. How many hours did they hike in all?

18. Deacon had  $12\frac{1}{3}$  ounces of juice, but he drank  $3\frac{2}{3}$  ounces. How much juice is left?

Show your work.

# Remembering

Complete to form equivalent fractions.

1.  $\frac{1}{2} = \frac{4}{\square}$

2.  $\frac{12}{\square} = \frac{4}{5}$   
 $3 \times$   
 $3 \times$

3.  $\frac{6}{7} = \frac{\square}{28}$

4.  $\frac{4}{\square} = \frac{\square}{9}$

5.  $\frac{25}{100} = \frac{\square}{\square}$

6.  $\frac{\square}{8} = \frac{3}{\square}$

Compare. Use common denominators.

7.  $\frac{3}{10} \bigcirc \frac{3}{8}$

8.  $\frac{4}{5} \bigcirc \frac{5}{6}$

10.  $\frac{5}{6} \bigcirc \frac{19}{24}$

11.  $\frac{4}{15} \bigcirc \frac{3}{10}$

9.  $\frac{5}{7} \bigcirc \frac{2}{3}$   
 $\frac{15}{21} \bigcirc \frac{14}{21}$   
 $\frac{5 \times 3}{7 \times 3} \bigcirc \frac{2 \times 7}{3 \times 7}$   
 12.  $\frac{1}{49} \bigcirc \frac{1}{50}$

Solve.

Show your work.

13. Rosa got 5 out of 7 answers correct on her science quiz. Her older sister Ana got 4 answers out of 6 correct on her science quiz. Which sister answered a greater fraction of the questions correctly?
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14. The number 85% is equivalent to the fraction  $\frac{85}{100}$ . Pablo spelled 21 out of 25 words correctly on his spelling test. Is this more or less than 85% of the words?
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15. **Stretch Your Thinking** Marla ate  $\frac{3}{8}$  of a small pepperoni pizza and  $\frac{2}{8}$  of a small cheese pizza. Damien ate  $\frac{3}{12}$  of a small veggie pizza and  $\frac{5}{12}$  of a small mushroom pizza. Who ate a greater fraction of a whole pizza?
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Something to Note:

\*Check the denominators!

\*This problem has multiple steps!