$\qquad$


In 1-8, find each difference.

1. $\frac{1}{3}=\frac{2}{6}$
2. $\frac{2}{3}=\frac{8}{12}$
3. $\frac{3}{5}=\frac{9}{15}$
4. $\frac{2}{9}=\frac{16}{72}$
$\frac{-\frac{1}{6}=\frac{1}{6}}{\frac{1}{6}}$
$\frac{-\frac{5}{12}=\frac{5}{12}}{\frac{3}{12} \text { or } \frac{1}{4}}$
$\frac{-\frac{1}{3}=\frac{5}{15}}{\frac{4}{15}}$
5. $\begin{array}{r}\frac{3}{4} \\ -\frac{2}{5} \\ \hline \frac{7}{20}\end{array}$
6. $\frac{4}{3}$
$\frac{-\frac{2}{5}}{\frac{14}{15}}$
7. $\frac{8}{8}$
$\begin{array}{r}-\frac{4}{9} \\ \hline \frac{5}{9}\end{array}$
8. $\frac{17}{18}$
$\frac{-\frac{2}{3}}{\frac{5}{18}}$
$\frac{-\frac{1}{8}=\frac{9}{72}}{\frac{7}{72}}$

Use the table for $\mathbf{9}$ and 10. The trail around Mirror Lake in Yosemite National Park is 5 miles long.
9. What fraction describes how much more of the trail Jon hiked than Andrea hiked? $\frac{1}{10}$
10. What fraction describes how much more of

|  | Hiker | $\vdots$ |
| :--- | :--- | :--- |
|  | Fraction of <br> Trail Hiked |  |
| Andrea | $\vdots$ | $\frac{2}{5}$ |
| Jon | $\vdots$ | $\frac{1}{2}$ |
| Callie | $\vdots$ | $\frac{4}{5}$ | the trail Callie hiked than Jon hiked? $\frac{3}{10}$

11. Critique Reasoning Amy said that the perimeter of the triangle below is less than 10 yards. Do you agree with her? Why or why not?


No; Sample answer: The sum of the whole numbers is 9 and the sum of the decimals is greater than 1. So, the perimeter has to be more than 10 yards.
12. Eva had $\frac{7}{8}$ gallon of paint. Her brother Ivan used $\frac{1}{4}$ gallon to paint his model boat. Eva needs at least $\frac{1}{2}$ gallon to paint her bookshelf. Did Ivan leave her enough paint? Write an equation and fill in the bar diagram to solve.


Yes. $\frac{7}{8}-\frac{1}{4}=\frac{5}{8} ; \frac{5}{8}>\frac{1}{2}$
13. Paul's dad made a turkey pot pie for dinner on Wednesday. The family ate $\frac{4}{8}$ of the pie. On Thursday after school, Paul ate $\frac{2}{16}$ of the pie for a snack. What fraction of the pie remained?
$\frac{3}{8}$ of the pie
14. Higher Order Thinking Write a real-world problem in which you would subtract fractions with unlike denominators. Then, solve your problem. Sample answer: Recipe 1 calls for $\frac{2}{3}$ cup of flour. Recipe 2 calls for $\frac{1}{2}$ cup of flour. How much more flour is needed for recipe 1 ?; $\frac{1}{6}$ cup

## Assessment Practice

15. Choose the correct numbers from the box below to complete the subtraction sentence that follows.

| $\frac{1}{2}$ | $\frac{5}{14}$ | $\frac{3}{7}$ | $\frac{1}{7}$ | $\frac{1}{14}$ |
| :--- | :--- | :--- | :--- | :--- |

$\frac{1}{2}-\frac{3}{7}=\frac{1}{14}$
16. Choose the correct numbers from the box below to complete the subtraction sentence that follows.

| $\frac{3}{20}$ | $\frac{3}{5}$ | $\frac{1}{20}$ | $\frac{4}{5}$ | $\frac{7}{9}$ |
| :--- | :--- | :--- | :--- | :--- |
| $\frac{4}{5}$ | $-\frac{3}{4}$ | $=\frac{1}{20}$ |  |  |

