Add or subtract. Write in simplest form. (Examples 1, 2, 4, and, 5)

1. $\frac{5}{7} + \frac{6}{7} =$ _____

Show your work. ➡

2. $\frac{3}{8} + \left(-\frac{7}{8}\right) =$ _____

3. $-\frac{1}{9} + \left(-\frac{5}{9}\right) =$ _____

4. $\frac{9}{10} - \frac{3}{10} =$ _____

5. $-\frac{3}{4} + \left(-\frac{3}{4}\right) =$ _____
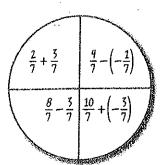
6. $-\frac{5}{9} - \frac{2}{9} =$ _____

7. In Mr. Navarro's first period class, $\frac{17}{28}$ of the students got an A on their math test. In his second period class, $\frac{11}{28}$ of the students got an A. What fraction more of the students got an A in Mr. Navarro's first period class than in his second period class? Write in simplest form. (Example 6)

_____

8. To make a greeting card, Bryce used $\frac{1}{8}$ sheet of red paper, $\frac{3}{8}$ sheet of green paper, and $\frac{7}{8}$ sheet of white paper. How many sheets of paper did Bryce use? (Example 3)

_____

9. The table shows the Instant Messenger abbreviations students at Hillside Middle School use the most.

a. What fraction of these students uses LOL or CUL8R when using Instant Messenger? _____

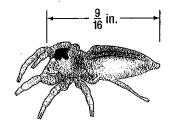b. What fraction of these students uses L8R or BRB when using Instant Messenger? _____

c. What fraction more of these students write L8R than CUL8R when using Instant Messenger? _____

Instant Messenger Abbreviations	
L8R (Later)	$\frac{48}{100}$
LOL (Laughing out loud)	$\frac{26}{100}$
BRB (Be right back)	$\frac{19}{100}$
CUL8R (See you later)	$\frac{7}{100}$

10. **Model with Mathematics** Cross out the expression that does not belong. Explain your reasoning.

_____

_____

_____

_____

$$\frac{2}{7}+\frac{3}{7} \quad \bigg| \quad \frac{4}{7}-\left(-\frac{1}{7}\right)$$

$$\frac{8}{7}-\frac{3}{7} \quad \bigg| \quad \frac{10}{7}+\left(-\frac{3}{7}\right)$$

11. The body length of a male Jumping Spider is shown below.

$$\frac{9}{16}\text{ in.}$$

The body length of a female Jumping Spider is about $\frac{5}{16}$ inch.

How much longer is the body length of a male Jumping Spider than the body length of a female Jumping Spider?

Ⓐ $\frac{7}{8}$ inch

Ⓑ $\frac{1}{2}$ inch

Ⓒ $\frac{1}{4}$ inch

Ⓓ $\frac{3}{16}$ inch

Add or subtract. Write in simplest form.

12. $\frac{4}{5}+\frac{3}{5}=1\frac{2}{5}$

$$\frac{4}{5}+\frac{3}{5}=\frac{4+3}{5}$$

$$=\frac{7}{5}\text{ or } 1\frac{2}{5}$$

Homework Help

13. $-\frac{5}{6}+\left(-\frac{5}{6}\right)=$ _____

14. $-\frac{15}{16}+\left(-\frac{7}{16}\right)=$ _____

15. $\frac{5}{8}-\frac{3}{8}=$ _____

16. $\frac{7}{12}-\frac{2}{12}=$ _____

17. $\frac{15}{18}-\frac{13}{18}=$ _____