

Practice 3.1, 3.2, 3.3

Name \_\_\_\_\_

Add and simplify.

1)  $\frac{4}{9} + \frac{2}{9}$

Simplify.

9)  $\frac{2}{7} + \frac{1}{9}$

Subtract and simplify.

2)  $\frac{3}{8} - \frac{2}{8}$

3)  $\frac{25}{42} - \frac{7}{42}$

Subtract and simplify.

10)  $\frac{1}{6} - \frac{1}{11}$

Find the least common multiple (LCM) of the list of numbers.

4) 4, 10

5) 9, 6

6) 7, 14, 21, 36

11)  $\frac{5}{7} - \frac{1}{2}$

12)  $\frac{8}{15} - \frac{1}{20}$

Write the fraction as an equivalent fraction with the given denominator.

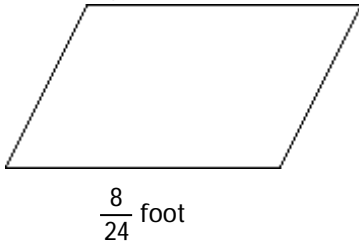
7)  $\frac{6}{11} = \frac{\quad}{55}$

8)  $\frac{2}{3} = \frac{\quad}{27}$

Solve. Write the answer in simplest form.

- 13) Find the perimeter of the parallelogram. Recall that the perimeter of a figure is the distance around the figure.

$$\frac{6}{24} \text{ foot}$$



Perform the indicated operation. Simplify if possible. The letters work the same way numbers do except you cannot use a calculator.

16)  $\frac{28}{4x} + \frac{54}{9x}$

17)  $\frac{3b}{z} + \frac{3z}{5}$

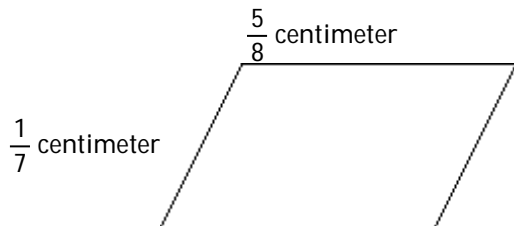
- 14) Find the perimeter of the square. Recall that the perimeter of a figure is the distance around a figure.



$$\frac{5}{12} \text{ centimeter}$$

Solve. Write the answer in simplest form.

- 15) Find the perimeter of the parallelogram.



Answer Key

Testname: M050\_3.1\_3.3

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

2)  $\frac{1}{8}$

3)  $\frac{3}{7}$

4) 20

5) 18

6) 252

7)  $\frac{30}{55}$

8)  $\frac{18}{27}$

9)  $\frac{25}{63}$

10)  $\frac{5}{66}$

11)  $\frac{3}{14}$

12)  $\frac{29}{60}$

13)  $\frac{7}{6}$  ft

14)  $\frac{5}{3}$  cm

15)  $\frac{43}{28}$  cm

16)  $\frac{13}{x}$

17)  $\frac{15b + 3z^2}{5z}$