

## Prealgebra Review HW #4: Fractions

Write the fraction in lowest terms.

1)  $\frac{24}{26}$

Find the value of the expression.

8)  $\left(\frac{5}{6} + \frac{1}{2}\right) \cdot \frac{6}{11}$

Perform the operation. Write the answer as a fraction in lowest terms.

2)  $\frac{5}{19} + \frac{6}{19}$

3)  $\frac{8}{15} - \frac{7}{15}$

4)  $\frac{15}{19} \cdot \frac{11}{30}$

Evaluate.

9)  $\left(\frac{1}{2}\right)^4$

5)  $\frac{3}{7} \div \frac{10}{17}$

Simplify the expression.

10)  $\frac{1}{6} + \frac{1}{9} \cdot \frac{1}{7}$

6)  $\frac{5}{24} + \frac{4}{27}$

7)  $\frac{4}{5} - \frac{7}{12}$

11)  $\frac{9}{5} \cdot \frac{1}{7} + \frac{5}{6} \cdot \frac{1}{5}$

Answer Key

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1)  $\frac{12}{13}$

2)  $\frac{11}{19}$

3)  $\frac{1}{15}$

4)  $\frac{11}{38}$

5)  $\frac{51}{70}$

6)  $\frac{77}{216}$

7)  $\frac{13}{60}$

8)  $\frac{8}{11}$

9)  $\frac{1}{16}$

10)  $\frac{23}{126}$

11)  $\frac{89}{210}$