

## Equivalent expressions

Date \_\_\_\_\_ Period \_\_\_\_\_

Ignore the operation of addition or subtraction. Instead find the LCD and then make equivalent expressions.

1)  $\frac{3}{5u^3} + \frac{5}{5v}$

2)  $\frac{4}{6m} + \frac{4m}{6}$

3)  $\frac{3}{2} + \frac{3}{5y^3}$

4)  $\frac{5x}{4} + \frac{3y}{5y}$

5)  $\frac{3}{5b} - \frac{4}{5}$

6)  $\frac{3x}{2} + \frac{3y}{4x^2}$

7)  $\frac{3x}{6xy^2} - \frac{5x}{5y}$

8)  $3x + \frac{3x}{15y^3}$

9)  $\frac{2}{3} + \frac{5n+6}{n^2-8n+12}$

10)  $\frac{5x}{x+5} + \frac{6x}{2x-8}$

11)  $\frac{4}{4r} + \frac{6r}{r^2-4}$

12)  $\frac{4}{2x^2+2x-12} + \frac{3x}{2}$

13)  $\frac{a+2}{a+4} - \frac{6a}{3a-2}$

14)  $\frac{k-3}{2k^2+2k-40} + \frac{3k}{3}$

15)  $\frac{6}{n+5} + \frac{5}{n+1}$

16)  $\frac{3}{2x} - \frac{6x}{2x^2+14x+20}$