

## Bruchterme-B3 (Addieren und Subtrahieren)

Name \_\_\_\_\_ Datum \_\_\_\_\_

**Vereinfache!**

1) 
$$\frac{6x-4}{2x^2+9x-5} - \frac{x+1}{2x^2+9x-5}$$

2) 
$$\frac{6}{30n^2+30n} - \frac{n-4}{30n^2+30n}$$

3) 
$$\frac{r+5}{10r+12} - \frac{r-6}{10r+12}$$

4) 
$$\frac{x+2}{x^2-8x+12} - \frac{4x}{x^2-8x+12}$$

5) 
$$\frac{n-4}{6(3n+2)} + \frac{6n-6}{6(3n+2)}$$

6) 
$$\frac{b+3}{9b^2(3b+2)} - \frac{6b+3}{9b^2(3b+2)}$$

7) 
$$\frac{5x}{5} + \frac{3x}{2x^2y}$$

8) 
$$\frac{6n}{6m} - \frac{5m}{2m}$$

9) 
$$\frac{5b}{b+2} - \frac{4}{b+6}$$

10) 
$$\frac{4}{x-6} - \frac{4x}{5x-4}$$

11) 
$$\frac{5v}{4} - \frac{5v}{v+1}$$

12) 
$$\frac{a-6}{a+4} - \frac{2}{5}$$

13) 
$$\frac{6}{k-3} - \frac{4}{k-4}$$

14) 
$$\frac{2}{3n} - \frac{n-3}{3n(n+5)}$$

15) 
$$\frac{5}{x+6} - \frac{3}{x-4}$$

16) 
$$\frac{3n}{6n(n-1)} + \frac{6}{n-2}$$

17) 
$$\frac{2}{6r(r+6)} - \frac{3}{r+1}$$

18) 
$$\frac{4}{m-3} - \frac{4m}{m+4}$$