

## Bruchgleichungen - BG 2

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

**Löse folgende Gleichungen!**

1)  $\frac{4}{7} = \frac{n}{n-3}$

2)  $\frac{7}{5p+2} = -\frac{5}{p}$

3)  $-\frac{10}{k+10} = -\frac{11}{k}$

4)  $\frac{2}{10} = \frac{x}{7x+5}$

5)  $\frac{v-10}{9} = \frac{2v}{11}$

6)  $\frac{5}{x} = \frac{6}{7x+1}$

7)  $-\frac{6}{11r-2} = \frac{11}{r}$

8)  $\frac{x}{5} = \frac{x+7}{3}$

9)  $\frac{6}{7} = \frac{b}{2b+10}$

10)  $\frac{n+2}{n} = -\frac{6}{3}$

11)  $\frac{a-3}{a} = \frac{9}{10}$

12)  $\frac{4}{9} = \frac{3x+8}{2x+11}$

13)  $\frac{3}{n-12} = \frac{2}{n-11}$

14)  $\frac{8}{n-8} = \frac{6}{3n-12}$

15)  $\frac{7v+6}{v+4} = \frac{9}{11}$

16)  $\frac{9}{5} = \frac{p+2}{p+10}$

17)  $\frac{3x+11}{5} = \frac{x+3}{4}$

18)  $\frac{n-3}{2} = \frac{n+9}{6}$

19)  $\frac{k-2}{7} = \frac{k-7}{4}$

20)  $\frac{7x-4}{x-4} = -\frac{2}{9}$

21)  $\frac{7a+4}{3a-1} = -\frac{3}{12}$

22)  $\frac{11p-12}{p+9} = \frac{11}{4}$