

4.6 Lösungen

1.
$$\frac{x(12a - 16b - 12c + 9d)}{(4c - 3d)(3a - 4b)}$$

2.
$$\frac{x(9cd + a + b) + 5y(a + b)}{(a + b)(cd)}$$

3.
$$\frac{x}{3(x - 1)}$$

4.
$$\frac{7a + 10}{15(a + 2)}$$

5.
$$\frac{24x}{5}$$

6.
$$\frac{6a}{5}$$

7.
$$\frac{5(x + 3)}{x + y}$$

8.
$$\frac{a - 3}{a - 4}$$

9.
$$\frac{a^2 - 2ab + b^2}{a^2b^2}$$

10.
$$\frac{81u^2y^2 - 180uvxy + 100v^2x^2}{144v^2y^2}$$

11.
$$\frac{7x}{8a}$$

12.
$$\frac{15}{8a}$$

13.
$$\frac{1}{9d}$$

14.
$$9(x + 1)$$

15.
$$\frac{1 + xy}{1 - xy}$$

16.
$$\frac{ay - bx}{ay + bx}$$

17.
$$2(-2x + 3y)$$

18.
$$20a + 3b - c$$

19.
$$2a^2 - 3ab + b^2$$

20.
$$a^3 + b^3$$

21.
$$x - 1$$

22.
$$2c^2 - 4c + 5$$

23.
$$\frac{1}{2a}$$

24.
$$\frac{2(a + b)^2}{3}$$

25.
$$\frac{1 + x}{2(x - 1)}$$

26.
$$\frac{7}{(x - 1)}$$

27.
$$\frac{n - 1}{m - 1}$$

28.
$$a$$