

S. 74
Blatt 1

377

a) $-9p + 5p = -4p$

b) $4x^2 - 3x^2 = x^2$

c) $-r^3 - 5r^3 = -6r^3$

d) $8d - 4d + 3d = 7d$

379

a) $(6x + 1) + (2x + 8)$
 $= 6x + 1 + 2x + 8$
 $= 8x + 9$

b) $(3x + 4) + (-2x - 9)$
 $= 3x + 4 - 2x - 9$
 $= x - 5$

c) $(-7a + 2) - (8a + 5)$
 $= -7a + 2 - 8a - 5$
 $= -15a - 3$

d) $(9a - 6) - (10a + 5)$
 $= 9a - 6 - 10a - 5$
 $= -a - 11$

$$\begin{aligned} (380) \text{ a) } & (7u^2 - 4u) + (-5u^2 - u) \\ & = \underline{7u^2} - \underline{4u} - \underline{5u^2} - \underline{u} \\ & = \underline{2u^2} - \underline{5u} \end{aligned}$$

$$\begin{aligned} \text{b) } & (3s^4 + 6s^3 - 2) - (3s^4 - 5s^2 + 8s) \\ & = \underline{3s^4} + \underline{6s^3} - \underline{2} - \underline{3s^4} + \underline{5s^2} - \underline{8s} \\ & = \underline{6s^3} + \underline{5s^2} - \underline{8s} - \underline{2} \end{aligned}$$