

28.09.20

# Besudonare

166. a)  $3\sqrt{8} - 2\sqrt{27} + 3\sqrt{12} + 5\sqrt{18} =$   
 $6\sqrt{2} - 6\sqrt{3} + 6\sqrt{3} + 15\sqrt{2} =$

$6\sqrt{2} + 15\sqrt{2} - 6\sqrt{3} + 6\sqrt{3} = 21\sqrt{2}$

d)  $2\sqrt{12} - 2\sqrt{8} - \sqrt{48} + \sqrt{32} + \sqrt{9} =$

$4\sqrt{3} - 4\sqrt{2} - 4\sqrt{3} + 4\sqrt{2} + 3 = 3$

b)  $3\sqrt{20} - 5\sqrt{28} - 2\sqrt{45} + 2\sqrt{175} =$

$6\sqrt{5} - 10\sqrt{7} - 6\sqrt{5} + 10\sqrt{7} = 0$

e)  $\sqrt{75} - 2\sqrt{200} + 5\sqrt{32} - \sqrt{108} =$

$5\sqrt{3} - 20\sqrt{2} + 20\sqrt{2} - 6\sqrt{3} = -\sqrt{3}$

167. a)

a	b	$\sqrt{a+b}$	$\sqrt{a} + \sqrt{b}$
25	9	$\sqrt{34}$	$5 + 3 = 8$
8	1	3	$\sqrt{8} + 1$
$1\frac{1}{4}$	5	4	$\sqrt{11} + \sqrt{5}$

171. gemischt