Simplifier des racines carrées

Simplifier en justifiant :

$\sqrt{28}$ = $\sqrt{2 \times 2 \times 7} = 2\sqrt{7}$

28	2
14	2
7	7
1	

$\sqrt{75}$ = $\sqrt{3 \times 5 \times 5} = 5\sqrt{3}$

75	3
25	5
5	5
1	

$\sqrt{200}$ = $\sqrt{2 \times 2 \times 2 \times 5 \times 5} = 2 \times 5\sqrt{2} = 10\sqrt{2}$

200	2
100	2
50	2
25	5
5	5
1	

$\sqrt{500} = \sqrt{2 \times 2 \times 5 \times 5 \times 5} = 2 \times 5 \sqrt{5} = 10\sqrt{5}$

500	2
250	2
125	5
25	5
5	5
1	

$\sqrt{72} = \sqrt{2 \times 2 \times 2 \times 3 \times 3} = 2 \times 3\sqrt{2} = 6\sqrt{2}$

72	2
36	2
18	2
9	3
3	3
1	

$\sqrt{108} = \sqrt{2 \times 2 \times 3 \times 3 \times 3} = 2 \times 3\sqrt{3} = 6\sqrt{3}$

108	2
54	2
27	3
9	3
3	3
1	