

ドリルプリント 3年生「平方根の計算」

NO.1	
1	$\sqrt{3} \times \sqrt{2}$
2	$\sqrt{5} \times \sqrt{7}$
3	$\sqrt{5} \times \sqrt{3}$
4	$\sqrt{15} \div \sqrt{3}$
5	$\sqrt{18} \div \sqrt{6}$
6	$-\sqrt{24} \div \sqrt{6}$
7	$\sqrt{30} \times \sqrt{15}$
8	$\sqrt{6} \times \sqrt{21}$
9	$\sqrt{5} \times 2\sqrt{10}$
10	$3\sqrt{21} \times 4\sqrt{14}$
11	$5\sqrt{3} + 2\sqrt{3}$
12	$3\sqrt{5} + 8\sqrt{5}$
13	$-2\sqrt{6} - 3\sqrt{6}$
14	$\sqrt{48} + \sqrt{75}$
15	$\sqrt{54} - \sqrt{24}$
16	$\sqrt{50} - \sqrt{8}$
17	$\sqrt{3} + \frac{6}{\sqrt{3}}$
18	$3\sqrt{5} + \frac{5}{\sqrt{5}}$
19	$\frac{18}{\sqrt{6}} - 5\sqrt{6}$
20	$\sqrt{27} - \frac{12}{\sqrt{3}}$
21	$\sqrt{7}(\sqrt{7} - 2)$
22	$(\sqrt{3} - 3)(\sqrt{5} + 2)$
23	$(\sqrt{5} + 2)(\sqrt{5} - 2)$
24	$(\sqrt{5} + 3)^2$
25	$(\sqrt{3} + 4)(\sqrt{3} + 1)$

NO.2	
1	$-\sqrt{7} \times \sqrt{3}$
2	$\sqrt{8} \times \sqrt{2}$
3	$\sqrt{6} \times (-\sqrt{3})$
4	$\sqrt{40} \div \sqrt{8}$
5	$\sqrt{27} \div \sqrt{3}$
6	$(-\sqrt{45}) \div (-\sqrt{5})$
7	$\sqrt{30} \times \sqrt{21}$
8	$\sqrt{35} \times \sqrt{15}$
9	$3\sqrt{5} \times \sqrt{10}$
10	$2\sqrt{2} \times 3\sqrt{6}$
11	$3\sqrt{7} + 2\sqrt{7}$
12	$7\sqrt{3} + 5\sqrt{3}$
13	$-4\sqrt{6} - 6\sqrt{6}$
14	$\sqrt{45} - \sqrt{20}$
15	$\sqrt{48} - \sqrt{75}$
16	$\sqrt{54} + \sqrt{24}$
17	$\frac{10}{\sqrt{2}} - 2\sqrt{2}$
18	$3\sqrt{7} - \frac{14}{\sqrt{7}}$
19	$\sqrt{20} - \frac{15}{\sqrt{5}}$
20	$\frac{8}{\sqrt{2}} + \sqrt{8}$
21	$\sqrt{3}(\sqrt{12} - 5)$
22	$(\sqrt{5} + 2)(2\sqrt{5} - 1)$
23	$(\sqrt{3} + 2)^2$
24	$(\sqrt{3} + \sqrt{5})(\sqrt{3} - \sqrt{5})$
25	$(\sqrt{7} + 3)(\sqrt{7} - 1)$

NO.3	
1	$-\sqrt{2} \times \sqrt{3}$
2	$\sqrt{5} \times \sqrt{7}$
3	$\sqrt{12} \times \sqrt{3}$
4	$-\sqrt{24} \div \sqrt{8}$
5	$\sqrt{32} \div \sqrt{2}$
6	$(-\sqrt{48}) \div (-\sqrt{8})$
7	$\sqrt{10} \times \sqrt{14}$
8	$\sqrt{6} \times \sqrt{15}$
9	$2\sqrt{7} \times \sqrt{14}$
10	$3\sqrt{6} \times 5\sqrt{3}$
11	$4\sqrt{2} - 3\sqrt{2}$
12	$2\sqrt{7} - 7\sqrt{7}$
13	$9\sqrt{3} + \sqrt{3}$
14	$\sqrt{18} + \sqrt{8}$
15	$\sqrt{18} + \sqrt{50}$
16	$\sqrt{48} - \sqrt{12}$
17	$\frac{25}{\sqrt{5}} - 3\sqrt{5}$
18	$2\sqrt{7} - \frac{21}{\sqrt{7}}$
19	$\sqrt{12} + \frac{15}{\sqrt{3}}$
20	$\frac{14}{\sqrt{7}} - \sqrt{28}$
21	$\sqrt{2}(\sqrt{2} + 3)$
22	$(\sqrt{3} + 1)(\sqrt{2} + 2)$
23	$(\sqrt{6} + \sqrt{2})(\sqrt{6} - \sqrt{2})$
24	$(\sqrt{2} + 3)(\sqrt{2} + 2)$
25	$(\sqrt{5} - 1)^2$