平方根 たし算・ひき算・有理化（20問）　版J

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $\sqrt{2}/\sqrt{7}$ =

(2) $\sqrt{20} - \sqrt{45}$ =

(3) $\sqrt{7}/\sqrt{6}$ =

(4) $7\sqrt{7} - 9\sqrt{7}$ =

(5) $2/\sqrt{6}$ =

(6) $7\sqrt{3} + 5\sqrt{3}$ =

(7) $5\sqrt{6} - 4\sqrt{6}$ =

(8) $5\sqrt{2} - \sqrt{2}$ =

(9) $12/\sqrt{6}$ =

(10) $\sqrt{45} + \sqrt{5}$ =

(11) $\sqrt{125} - \sqrt{80} - \sqrt{45}$ =

(12) $8\sqrt{2} - 5\sqrt{2}$ =

(13) $\sqrt{125} - \sqrt{45}$ =

(14) $\sqrt{80} + \sqrt{20}$ =

(15) $9\sqrt{6} - 4\sqrt{6}$ =

(16) $6/\sqrt{7}$ =

(17) $\sqrt{75} + \sqrt{3}$ =

(18) $1/\sqrt{2}$ =

(19) $18/\sqrt{6}$ =

(20) $\sqrt{125} - \sqrt{45} + \sqrt{5}$ =

平方根 たし算・ひき算・有理化（20問）　版Jの答え

※ √ の中の数が違うままたし算していないかを見てください（$\sqrt{2} + \sqrt{3}$ は $\sqrt{5}$ になりません）。

(1) $\sqrt{2}/\sqrt{7}$
$= \sqrt{14}/7$

(2) $\sqrt{20} - \sqrt{45}$
$= -\sqrt{5}$

(3) $\sqrt{7}/\sqrt{6}$
$= \sqrt{42}/6$

(4) $7\sqrt{7} - 9\sqrt{7}$
$= -2\sqrt{7}$

(5) $2/\sqrt{6}$
$= \sqrt{6}/3$

(6) $7\sqrt{3} + 5\sqrt{3}$
$= 12\sqrt{3}$

(7) $5\sqrt{6} - 4\sqrt{6}$
$= \sqrt{6}$

(8) $5\sqrt{2} - \sqrt{2}$
$= 4\sqrt{2}$

(9) $12/\sqrt{6}$
$= 2\sqrt{6}$

(10) $\sqrt{45} + \sqrt{5}$
$= 4\sqrt{5}$

(11) $\sqrt{125} - \sqrt{80} - \sqrt{45}$
$= -2\sqrt{5}$

(12) $8\sqrt{2} - 5\sqrt{2}$
$= 3\sqrt{2}$

(13) $\sqrt{125} - \sqrt{45}$
$= 2\sqrt{5}$

(14) $\sqrt{80} + \sqrt{20}$
$= 6\sqrt{5}$

(15) $9\sqrt{6} - 4\sqrt{6}$
$= 5\sqrt{6}$

(16) $6/\sqrt{7}$
$= 6\sqrt{7}/7$

(17) $\sqrt{75} + \sqrt{3}$
$= 6\sqrt{3}$

(18) $1/\sqrt{2}$
$= \sqrt{2}/2$

(19) $18/\sqrt{6}$
$= 3\sqrt{6}$

(20) $\sqrt{125} - \sqrt{45} + \sqrt{5}$
$= 3\sqrt{5}$