平方根 たし算・ひき算・有理化（20問）　版P

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $1/\sqrt{5}$ =

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

(3) $\sqrt{3} + \sqrt{27}$ =

(4) $4\sqrt{6} - 3\sqrt{6}$ =

(5) $\sqrt{27} - \sqrt{12} + \sqrt{75}$ =

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

(7) $4\sqrt{5} - 3\sqrt{5}$ =

(8) $6\sqrt{6} + 4\sqrt{6}$ =

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

(10) $3\sqrt{7} - \sqrt{7}$ =

(11) $3/\sqrt{6}$ =

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

(13) $\sqrt{50} + \sqrt{32}$ =

(14) $6/\sqrt{6}$ =

(15) $\sqrt{5} + \sqrt{125} - \sqrt{80}$ =

(16) $\sqrt{80} - \sqrt{5}$ =

(17) $\sqrt{80} + \sqrt{125}$ =

(18) $5\sqrt{7} - 9\sqrt{7}$ =

(19) $\sqrt{75} - \sqrt{48}$ =

(20) $5/\sqrt{5}$ =

平方根 たし算・ひき算・有理化（20問）　版P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) $1/\sqrt{5}$
$= \sqrt{5}/5$

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

(3) $\sqrt{3} + \sqrt{27}$
$= 4\sqrt{3}$

(4) $4\sqrt{6} - 3\sqrt{6}$
$= \sqrt{6}$

(5) $\sqrt{27} - \sqrt{12} + \sqrt{75}$
$= 6\sqrt{3}$

(6) $\sqrt{3}/\sqrt{5}$
$= \sqrt{15}/5$

(7) $4\sqrt{5} - 3\sqrt{5}$
$= \sqrt{5}$

(8) $6\sqrt{6} + 4\sqrt{6}$
$= 10\sqrt{6}$

(9) $\sqrt{5}/\sqrt{2}$
$= \sqrt{10}/2$

(10) $3\sqrt{7} - \sqrt{7}$
$= 2\sqrt{7}$

(11) $3/\sqrt{6}$
$= \sqrt{6}/2$

(12) $\sqrt{5} - 8\sqrt{5}$
$= -7\sqrt{5}$

(13) $\sqrt{50} + \sqrt{32}$
$= 9\sqrt{2}$

(14) $6/\sqrt{6}$
$= \sqrt{6}$

(15) $\sqrt{5} + \sqrt{125} - \sqrt{80}$
$= 2\sqrt{5}$

(16) $\sqrt{80} - \sqrt{5}$
$= 3\sqrt{5}$

(17) $\sqrt{80} + \sqrt{125}$
$= 9\sqrt{5}$

(18) $5\sqrt{7} - 9\sqrt{7}$
$= -4\sqrt{7}$

(19) $\sqrt{75} - \sqrt{48}$
$= \sqrt{3}$

(20) $5/\sqrt{5}$
$= \sqrt{5}$