$\dfrac{2\sqrt{3}}{3}$	$-\dfrac{2\sqrt[4]{2x^3}}{3y}$	$\dfrac{3\sqrt{14}-\sqrt{42}}{56}$	$\sqrt{2}$	$2+\sqrt{2}$
$\dfrac{\sqrt{6}+2}{12}$	$-\dfrac{2y\sqrt{3xy}}{3}$	$\dfrac{2}{3}$	$\dfrac{\sqrt{6}}{3}$	$\dfrac{\sqrt[4]{6x^2}}{3x}$
$-\dfrac{3\sqrt[3]{5}}{20}$	$\dfrac{13-6\sqrt{5}}{11}$	$-\sqrt{5}-3$	$-\dfrac{\sqrt[3]{18x^2y}}{3x}$	$\dfrac{\sqrt[3]{15}}{3}$
$\dfrac{-4-\sqrt{2}}{7}$	$\dfrac{\sqrt[5]{8}}{10}$	$\dfrac{\sqrt[3]{100}}{5}$	$\dfrac{15+7\sqrt{3}}{13}$	$8\sqrt{5}+4\sqrt{15}+4\sqrt{2}+2\sqrt{6}$
$\dfrac{\sqrt{10x}}{4}$	$\dfrac{-\sqrt{6}+5\sqrt{15}}{123}$	$\dfrac{\sqrt{10}}{5}$	$3\sqrt{3}+2\sqrt{6}$	$\sqrt{2}+\sqrt{3}+\sqrt{10}+\sqrt{15}$

BINGO

Dividing Radicals BINGO Problems and Answers

Simplify.

1) $\dfrac{2\sqrt{2}}{2\sqrt{3}}$ $\quad$ $\dfrac{\sqrt{6}}{3}$

2) $\dfrac{\sqrt{4}}{\sqrt{3}}$ $\quad$ $\dfrac{2\sqrt{3}}{3}$

3) $\dfrac{3\sqrt{6}}{3\sqrt{15}}$ $\quad$ $\dfrac{\sqrt{10}}{5}$

4) $\dfrac{\sqrt[3]{4}}{\sqrt[3]{5}}$ $\quad$ $\dfrac{\sqrt[3]{100}}{5}$

5) $\dfrac{3\sqrt[3]{-5}}{4\sqrt[3]{125}}$ $\quad$ $-\dfrac{3\sqrt[3]{5}}{20}$

6) $\dfrac{\sqrt[3]{5}}{\sqrt[3]{9}}$ $\quad$ $\dfrac{\sqrt[3]{15}}{3}$

7) $\dfrac{\sqrt{15n^4}}{2\sqrt{6n^3}}$ $\quad$ $\dfrac{\sqrt{10n}}{4}$

8) $\dfrac{\sqrt[5]{4k}}{5\sqrt[5]{16k}}$ $\quad$ $\dfrac{\sqrt[5]{8}}{10}$

9) $-\dfrac{2xy^2}{\sqrt{3xy}}$ $\quad$ $-\dfrac{2y\sqrt{3xy}}{3}$

10) $\dfrac{5\sqrt[4]{2b^2}}{5\sqrt[4]{27b^4}}$ $\quad$ $\dfrac{\sqrt[4]{6b^2}}{3b}$

11) $\dfrac{\sqrt[3]{2x^3y^3}}{\sqrt[3]{-3x^4y^2}}$ $\quad$ $-\dfrac{\sqrt[3]{18x^2y}}{3x}$

12) $-\dfrac{4u}{3\sqrt[4]{8uv^4}}$ $\quad$ $-\dfrac{2\sqrt[4]{2u^3}}{3v}$

13) $\dfrac{3-\sqrt{3}}{4\sqrt{14}}$ $\dfrac{3\sqrt{14}-\sqrt{42}}{56}$

14) $\dfrac{\sqrt{3}+\sqrt{2}}{2\sqrt{18}}$ $\dfrac{\sqrt{6}+2}{12}$

15) $\dfrac{2}{-4+\sqrt{2}}$ $\dfrac{-4-\sqrt{2}}{7}$

16) $\dfrac{4}{\sqrt{5}-3}$ $-\sqrt{5}-3$

17) $\dfrac{2}{2-\sqrt{2}}$ $2+\sqrt{2}$

18) $\dfrac{3+\sqrt{3}}{4-\sqrt{3}}$ $\dfrac{15+7\sqrt{3}}{13}$

19) $\dfrac{-1-\sqrt{5}}{\sqrt{2}-\sqrt{3}}$ $\sqrt{2}+\sqrt{3}+\sqrt{10}+\sqrt{15}$

20) $\dfrac{2-\sqrt{5}}{4+\sqrt{5}}$ $\dfrac{13-6\sqrt{5}}{11}$

21) $\dfrac{\sqrt{6}}{\sqrt{3}}$ $\sqrt{2}$

22) $\dfrac{4\sqrt{2}}{3\sqrt{8}}$ $\dfrac{2}{3}$

23) $\dfrac{\sqrt{3}}{\sqrt{2}+5\sqrt{5}}$ $\dfrac{-\sqrt{6}+5\sqrt{15}}{123}$

24) $\dfrac{\sqrt{3}}{3-2\sqrt{2}}$ $3\sqrt{3}+2\sqrt{6}$

25) $\dfrac{4\sqrt{5}+2\sqrt{2}}{2-\sqrt{3}}$ $8\sqrt{5}+4\sqrt{15}+4\sqrt{2}+2\sqrt{6}$