

$$\begin{aligned} \textcircled{6} \quad & \sqrt{100v^3} \\ & \sqrt{100 \cdot \sqrt{v^2} \cdot \sqrt{v}} \\ & 10v\sqrt{v} \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & \sqrt{45p^2} \\ & \sqrt{9 \cdot \sqrt{5} \cdot \sqrt{p^2}} \\ & 3p\sqrt{5} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & \sqrt{200m^4n} \\ & \sqrt{100 \cdot \sqrt{2} \cdot \sqrt{m^4} \cdot \sqrt{n}} \\ & 10m^2\sqrt{2n} \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & \sqrt{64m^3n^3} \\ & \sqrt{64 \cdot \sqrt{m^2} \cdot \sqrt{m} \cdot \sqrt{n^2} \cdot \sqrt{n}} \\ & 8mn\sqrt{mn} \end{aligned}$$

$$\begin{aligned} \textcircled{14} \quad & \sqrt{28x^3y^3} \\ & \sqrt{4 \cdot \sqrt{7} \cdot \sqrt{x^2} \cdot \sqrt{x} \cdot \sqrt{y^2} \cdot \sqrt{y}} \\ & 2xy\sqrt{7xy} \end{aligned}$$

$$\begin{aligned} \textcircled{16} \quad & \sqrt{384x^4y^3} \\ & \sqrt{64 \cdot \sqrt{6} \cdot \sqrt{x^4} \cdot \sqrt{y^2} \cdot \sqrt{y}} \\ & 8x^2y\sqrt{6y} \end{aligned}$$

$$\begin{aligned} \textcircled{18} \quad & 6\sqrt{72x^2} \\ & 6\sqrt{36 \cdot \sqrt{2} \cdot \sqrt{x^2}} \\ & 36x\sqrt{2} \end{aligned}$$

$$\begin{aligned} \textcircled{20} \quad & 5\sqrt{80a^2} \\ & 5 \cdot \sqrt{16} \cdot \sqrt{5} \cdot \sqrt{a^2} \\ & 20a\sqrt{5} \end{aligned}$$

$$\begin{aligned} \textcircled{22} \quad & -8\sqrt{24k^3} \\ & -8 \cdot \sqrt{6} \cdot \sqrt{4} \cdot \sqrt{k^2} \cdot \sqrt{k} \\ & -16k\sqrt{6k} \end{aligned}$$

$$\begin{aligned} \textcircled{24} \quad & 2\sqrt{8p^2q^3r} \\ & 2\sqrt{4} \cdot \sqrt{2} \cdot \sqrt{p^2} \cdot \sqrt{q^2} \cdot \sqrt{q} \cdot \sqrt{r} \\ & 4pq\sqrt{2qr} \end{aligned}$$

$$\begin{aligned} \textcircled{26} \quad & -3\sqrt{24a^4b^2c^3} \\ & -3 \cdot \sqrt{4} \cdot \sqrt{6} \cdot \sqrt{a^4} \cdot \sqrt{b^2} \cdot \sqrt{c^2} \cdot \sqrt{c} \\ & -6a^2b^c\sqrt{6c} \end{aligned}$$

$$(28) -2\sqrt{48a^3b^4c^2}$$

$$-2\sqrt{16} \cdot \sqrt{3} \cdot \sqrt{a^2} \cdot \sqrt{a} \cdot \sqrt{b^4} \cdot \sqrt{c^2}$$

$$-8ab^2c\sqrt{3a}$$

$$(30) 4\sqrt{36x^2y^3z^4}$$

$$4\sqrt{36} \cdot \sqrt{x^2} \cdot \sqrt{y^2} \cdot \sqrt{y} \cdot \sqrt{z^4}$$

$$24xyz^2\sqrt{y}$$