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|--------|-------------------|----|-------------------|----|-------------------------|----|-------------------------|
| (1) a) | $a^{\frac{1}{2}}$ | b) | $b^{\frac{1}{3}}$ | c) | $a^2$                   | d) | $a^{\frac{5}{3}}$       |
| (2) a) | 4                 | b) | 2                 | c) | 3                       | d) | 2                       |
| (3) a) | $\frac{3}{2}$     | b) | $2a$              | c) | 0.4                     | d) | 0.3                     |
| (4) a) | $b^2$             | b) | $b$               | c) | $\sqrt[2]{a}$           | d) | $\sqrt[3]{a^2}$         |
| (5) a) | $\sqrt[2]{a}$     | b) | $\sqrt[2]{a^7}$   | c) | $\frac{1}{\sqrt[4]{a}}$ | d) | $\frac{1}{\sqrt[3]{a}}$ |