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| Problem         | Answer | Problem            | Answer |
|-----------------|--------|--------------------|--------|
| 1. $5^{-2}$     |        | 5. $64^{(1/3)}$    |        |
| 2. $2^{-5}$     |        | 6. $16^{(3/4)}$    |        |
| 3. $(1/3)^{-2}$ |        | 7. $32^{(2/5)}$    |        |
| 4. $81^{(1/2)}$ |        | 8. $1000^{(-1/3)}$ |        |

## Answer key — Evaluate

| # | Problem         | Answer |
|---|-----------------|--------|
| 1 | $5^{-2}$        | $1/25$ |
| 2 | $2^{-5}$        | $1/32$ |
| 3 | $(1/3)^{-2}$    | 9      |
| 4 | $81^{(1/2)}$    | 9      |
| 5 | $64^{(1/3)}$    | 4      |
| 6 | $16^{(3/4)}$    | 8      |
| 7 | $32^{(2/5)}$    | 4      |
| 8 | $1000^{(-1/3)}$ | $1/10$ |

### Notes