

Show your work: powers

Name: _____

Date: _____

One operation on every line. Copy down everything you have not touched yet.

1. $16 \div 2^2 + 9 \times 7$

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2. $7 - 50 \div 5^2 + 10$

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3. $7^2 - 10 - 40 \div 8$

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4. $6 + 6 \div 3 + 8^2$

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Answer key: Show your work: powers

One operation on every line. Copy down everything you have not touched yet.

$$\begin{aligned} 1. \quad & 16 \div 2^2 + 9 \times 7 \\ & = 16 \div 4 + 9 \times 7 \\ & = 4 + 9 \times 7 \\ & = 4 + 63 \\ & = 67 \end{aligned}$$

$$\begin{aligned} 2. \quad & 7 - 50 \div 5^2 + 10 \\ & = 7 - 50 \div 25 + 10 \\ & = 7 - 2 + 10 \\ & = 5 + 10 \\ & = 15 \end{aligned}$$

$$\begin{aligned} 3. \quad & 7^2 - 10 - 40 \div 8 \\ & = 49 - 10 - 40 \div 8 \\ & = 49 - 10 - 5 \\ & = 39 - 5 \\ & = 34 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6 + 6 \div 3 + 8^2 \\ & = 6 + 6 \div 3 + 64 \\ & = 6 + 2 + 64 \\ & = 8 + 64 \\ & = 72 \end{aligned}$$