

計算の順番

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- (4) $+$ と $-$

計算の順番 (その 1)

$$1 + 5 \times 3$$

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$$\begin{aligned} & 1 + 5 \times 3 \\ = & 1 + 15 \end{aligned}$$

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$$\begin{aligned} & 1 + 5 \times 3 \\ = & 1 + 15 \\ = & 16 \quad \boxed{\text{答}} \end{aligned}$$

計算の順番 (その 2)

$$7 - 3^2 + 5 \times (2 - 6)$$

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計算の順番 (その 2)

$$\begin{aligned} & 7 - 3^2 + 5 \times (2 - 6) \\ = & 7 - 3^2 + 5 \times (-4) \\ = & 7 - 9 + 5 \times (-4) \\ = & 7 - 9 - 20 \end{aligned}$$

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$$\begin{aligned} & 7 - 3^2 + 5 \times (2 - 6) \\ = & 7 - 3^2 + 5 \times (-4) \\ = & 7 - 9 + 5 \times (-4) \\ = & 7 - 9 - 20 \\ = & -2 - 20 \end{aligned}$$

計算の順番 (その2)

$$\begin{aligned} & 7 - 3^2 + 5 \times (2 - 6) \\ = & 7 - 3^2 + 5 \times (-4) \\ = & 7 - 9 + 5 \times (-4) \\ = & 7 - 9 - 20 \\ = & -2 - 20 \\ = & -22 \quad \boxed{\text{答}} \end{aligned}$$

計算の順番 (その3)

$$-2 \times (-4 + 6)^2 - (-3)^2$$

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$$\begin{aligned} & -2 \times (-4 + 6)^2 - (-3)^2 \\ = & -2 \times (2)^2 - (-3)^2 \\ = & -2 \times 4 - 9 \end{aligned}$$

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$$\begin{aligned} & -2 \times (-4 + 6)^2 - (-3)^2 \\ = & -2 \times (2)^2 - (-3)^2 \\ = & -2 \times 4 - 9 \end{aligned}$$

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$$\begin{aligned} & -2 \times (-4 + 6)^2 - (-3)^2 \\ = & -2 \times (2)^2 - (-3)^2 \\ = & -2 \times 4 - 9 \\ = & -8 - 9 \end{aligned}$$

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$$\begin{aligned} & -2 \times (-4 + 6)^2 - (-3)^2 \\ = & -2 \times (2)^2 - (-3)^2 \\ = & -2 \times 4 - 9 \\ = & -8 - 9 \\ = & -17 \quad \boxed{\text{答}} \end{aligned}$$

指数の計算 (その 1)

$$(-4)^2 =$$

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$$(-4)^2 = \underbrace{(-4) \times (-4)}_{2 \text{ 個}}$$

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指数の計算 (その 2)

$$-4^2 =$$

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計算の順番 (その 4)

$$-3^2 - \{2^2 \div (-3 + 7)\}$$

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$$\begin{aligned} & -3^2 - \{2^2 \div (-3 + 7)\} \\ = & -3^2 - \{2^2 \div 4\} \end{aligned}$$

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$$\begin{aligned} & -3^2 - \{2^2 \div (-3 + 7)\} \\ = & -3^2 - \{2^2 \div 4\} \\ = & -9 - \{4 \div 4\} \end{aligned}$$

計算の順番 (その 4)

$$\begin{aligned} & -3^2 - \{2^2 \div (-3 + 7)\} \\ = & -3^2 - \{2^2 \div 4\} \\ = & -9 - \{4 \div 4\} \\ = & -9 - 1 \end{aligned}$$

計算の順番 (その 4)

$$\begin{aligned} & -3^2 - \{2^2 \div (-3 + 7)\} \\ = & -3^2 - \{2^2 \div 4\} \\ = & -9 - \{4 \div 4\} \\ = & -9 - 1 \\ = & -10 \quad \boxed{\text{答}} \end{aligned}$$