

坂出っ子ステップアップシート I-① 正の数・負の数

() 月 () 日 () 年 () 組 氏名 ()

1 次の計算をなさい。

① $(+4) + (+7)$

② $(-6) + (+4)$

③ $(+7) - (+3)$

④ $(-3) - (-5)$

⑤ $4 - 7$

⑥ $-9 + 4 - 2$

⑦ $6 - 3 + (-2)$

⑧ $-8 - (-13) + 5$

⑨ $(+3) \times (-4)$

⑩ $(-7) \times (-5)$

⑪ $(-5)^3$

⑫ $-15 \div 5$

⑬ $(-24) \div (-6)$

⑭ $6 \times (-4) \div (-12)$

⑮ $(-35) \div (-7) \times (-4)$

⑯ $7 - 2 \times (-3)$

⑰ $36 \div (-4) + 10$

⑱ $8 \times (-2) + 9 \div (-3)$

⑲ $7 \times 3^2 - (-2)^3$

⑳ $\{-8 - (6 - 7)\} \times (-4)$

たいへん よくできました 20点	合格 16点以上	復習しよう 15点以下
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得点	/20
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1 次の計算をしなさい。

$$\begin{aligned} \textcircled{1} \quad & (+4) + (+7) \\ & = + (4 + 7) \\ & = 11 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & (-6) + (+4) \\ & = - (6 - 4) \\ & = -2 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & (+7) - (+3) \\ & = (+7) + (-3) \\ & = 4 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & (-3) - (-5) \\ & = (-3) + (+5) \\ & = 2 \end{aligned}$$

減法は符号を変えて
加法に直す。

$$\begin{aligned} \textcircled{5} \quad & 4 - 7 \\ & = 4 + (-7) \\ & = -3 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -9 + 4 - 2 \\ & = -9 - 2 + 4 \\ & = -11 + 4 \\ & = -7 \end{aligned}$$

⑤⑥のような項の計算は、文字
式の計算のもととなるので必
ずできるようにしよう。

$$\begin{aligned} \textcircled{7} \quad & 6 - 3 + (-2) \\ & = 3 - 2 \\ & = 1 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & -8 - (-13) + 5 \\ & = -8 + (+13) + 5 \\ & = -8 + 18 \\ & = 10 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & (+3) \times (-4) \\ & = - (3 \times 4) \\ & = -12 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & (-7) \times (-5) \\ & = + (7 \times 5) \\ & = 35 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & (-5)^3 \\ & = (-5) \times (-5) \times (-5) \\ & = -125 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & -15 \div 5 \\ & = - (15 \div 5) \\ & = -3 \end{aligned}$$

$$\begin{aligned} \textcircled{13} \quad & (-24) \div (-6) \\ & = + (24 \div 6) \\ & = 4 \end{aligned}$$

$$\begin{aligned} \textcircled{14} \quad & 6 \times (-4) \div (-12) \\ & = (-24) \div (-12) \\ & = 2 \end{aligned}$$

$$\begin{aligned} \textcircled{15} \quad & (-35) \div (-7) \times (-4) \\ & = (+5) \times (-4) \\ & = -20 \end{aligned}$$

$$\begin{aligned} \textcircled{16} \quad & 7 - 2 \times (-3) \\ & = 7 + 6 \\ & = 13 \end{aligned}$$

計算の順序に注意
しよう。

$$\begin{aligned} \textcircled{17} \quad & 36 \div (-4) + 10 \\ & = -9 + 10 \\ & = 1 \end{aligned}$$

$$\begin{aligned} \textcircled{18} \quad & 8 \times (-2) + 9 \div (-3) \\ & = -16 - 3 \\ & = -19 \end{aligned}$$

- ①累乗
- ②小かっこ
- ③中かっこ
- ④乗除
- ⑤加減

$$\begin{aligned} \textcircled{19} \quad & 7 \times 3^2 - (-2)^3 \\ & = 7 \times 3 \times 3 - (-2) \times (-2) \times (-2) \\ & = 7 \times 9 - (-8) \\ & = 63 + (+8) \\ & = 71 \end{aligned}$$

$$\begin{aligned} \textcircled{20} \quad & \{-8 - (6 - 7)\} \times (-4) \\ & = \{-8 - (-1)\} \times (-4) \\ & = (-8 + 1) \times (-4) \\ & = (-7) \times (-4) \\ & = 28 \end{aligned}$$

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