

## 【解答】

3分間復習

## 3年「平方根」後 1

氏名

$$\begin{aligned} \textcircled{1} \quad -9+3 \\ &= -6 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad (-0.5) \times 0.3 \\ &= -0.15 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad -\frac{10}{9} \div \frac{5}{3} \\ &= -\frac{2}{3} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 4(5a+3b)-3(2a-b) \\ &= 14a+15b \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad 48x^2y \div (-8xy) \times (-3y) \\ &= 18xy \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad -8x(5x-3y) \\ &= -40x^2 + 24xy \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad (x+7)(x-4) \\ &= x^2 + 3x - 28 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \sqrt{5} + \sqrt{45} \\ &= 4\sqrt{5} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad (\sqrt{3}+2)(\sqrt{3}-5) \\ &= -7 - 3\sqrt{3} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad (\sqrt{2}-1)^2 \\ &= 3 - 2\sqrt{2} \end{aligned}$$

&lt; 年 月 日 &gt;

3分間復習

## 3年「平方根」後 2

氏名

$$\begin{aligned} \textcircled{1} \quad -7 \times 4 \\ &= -28 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad (-2.4) \div (-0.6) \\ &= 4 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad -\frac{2}{3} + \frac{3}{5} \\ &= -\frac{1}{15} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 5(3x-2y) - 4(2x-3y) \\ &= 7x + 2y \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad 8xy \times 3x \div (-4xy) \\ &= -6x \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad (35a^2 - 15a) \div 5a \\ &= 7a - 3 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad (x-5)^2 \\ &= x^2 - 10x + 25 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \sqrt{72} - \sqrt{32} \\ &= 2\sqrt{2} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad (\sqrt{5}+3)(\sqrt{5}+2) \\ &= 11 + 5\sqrt{5} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad (\sqrt{5}+\sqrt{2})(\sqrt{5}-\sqrt{2}) \\ &= 3 \end{aligned}$$

&lt; 年 月 日 &gt;

3分間復習

## 3年「平方根」後 3

氏名

$$\begin{aligned} \textcircled{1} \quad -6 - 7 \\ &= -13 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad (-4.2) \div 0.7 \\ &= -6 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad (-\frac{7}{10}) \times (-\frac{5}{14}) \\ &= \frac{1}{4} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 7(2a+b) - 4(a-2b) \\ &= 10a + 15b \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad (-3a) \times 5b \times (-2ab) \\ &= 30a^2 b^2 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad -7a(6a+5b) \\ &= -42a^2 - 35ab \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad (x-3)(x-6) \\ &= x^2 - 9x + 18 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \sqrt{27} + \sqrt{48} \\ &= 7\sqrt{3} \end{aligned}$$

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

$$\begin{aligned} \textcircled{10} \quad (\sqrt{5}+3)^2 \\ &= 14 + 6\sqrt{5} \end{aligned}$$

&lt; 年 月 日 &gt;

3分間復習

## 3年「平方根」後 4

氏名

$$\begin{aligned} \textcircled{1} \quad 24 \div (-4) \\ &= -6 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad (-1.5) \times (-0.6) \\ &= 0.9 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad -\frac{2}{3} - \frac{1}{4} \\ &= -\frac{11}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 5(2x-y) - 2(3x+4y) \\ &= 4x - 13y \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad (-72x^2y) \div (-9x) \div 4x \\ &= 2y \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad (42xy - 6x) \div (-6x) \\ &= -7y + 1 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad (x+7)(x-7) \\ &= x^2 - 49 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \sqrt{50} - \sqrt{18} \\ &= 2\sqrt{2} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad (\sqrt{2}-5)(\sqrt{2}-3) \\ &= 17 - 8\sqrt{2} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad (\sqrt{7}+2)(\sqrt{7}-2) \\ &= 3 \end{aligned}$$

&lt; 年 月 日 &gt;