

# 複素数 ( $\sqrt{-a}$ を含むかけ算わり算)1

氏名 \_\_\_\_\_

1. 次の式を計算せよ。

(1)  $\sqrt{8}\sqrt{-10}$

答. \_\_\_\_\_

(2)  $\sqrt{-8}\sqrt{10}$

答. \_\_\_\_\_

(3)  $\sqrt{-2}\sqrt{4}$

答. \_\_\_\_\_

(4)  $\sqrt{2}\sqrt{-12}$

答. \_\_\_\_\_

(5)  $\sqrt{2}\sqrt{-4}$

答. \_\_\_\_\_

(6)  $\sqrt{-2}\sqrt{2}$

答. \_\_\_\_\_

(7)  $\sqrt{-4}\sqrt{-8}$

答. \_\_\_\_\_

(8)  $\sqrt{-3}\sqrt{6}$

答. \_\_\_\_\_

(9)  $\sqrt{-3}\sqrt{4}$

答. \_\_\_\_\_

(10)  $\sqrt{4}\sqrt{-12}$

答. \_\_\_\_\_

(11)  $\sqrt{-5}\sqrt{10}$

答. \_\_\_\_\_

(12)  $\sqrt{-3}\sqrt{5}$

答. \_\_\_\_\_

(13)  $\sqrt{-3}\sqrt{-3}$

答. \_\_\_\_\_

(14)  $\sqrt{-3}\sqrt{8}$

答. \_\_\_\_\_

(15)  $\sqrt{2}\sqrt{-10}$

答. \_\_\_\_\_

(16)  $\sqrt{-6}\sqrt{12}$

答. \_\_\_\_\_

(17)  $\sqrt{2}\sqrt{-2}$

答. \_\_\_\_\_

(18)  $\sqrt{2}\sqrt{-6}$

答. \_\_\_\_\_

(19)  $\sqrt{6}\sqrt{-10}$

答. \_\_\_\_\_

(20)  $\sqrt{3}\sqrt{-6}$

答. \_\_\_\_\_

## 複素数 ( $\sqrt{-a}$ を含むかけ算わり算)2

氏名 \_\_\_\_\_

1. 次の式を計算せよ。

(1)  $\frac{\sqrt{-3}}{\sqrt{4}}$

答. \_\_\_\_\_

(2)  $\frac{\sqrt{-12}}{\sqrt{2}}$

答. \_\_\_\_\_

(3)  $\frac{\sqrt{-8}}{\sqrt{2}}$

答. \_\_\_\_\_

(4)  $\frac{\sqrt{6}}{\sqrt{-3}}$

答. \_\_\_\_\_

(5)  $\frac{\sqrt{3}}{\sqrt{-4}}$

答. \_\_\_\_\_

(6)  $\frac{\sqrt{-12}}{\sqrt{3}}$

答. \_\_\_\_\_

(7)  $\frac{\sqrt{-9}}{\sqrt{4}}$

答. \_\_\_\_\_

(8)  $\frac{\sqrt{-8}}{\sqrt{-2}}$

答. \_\_\_\_\_

(9)  $\frac{\sqrt{6}}{\sqrt{-2}}$

答. \_\_\_\_\_

(10)  $\frac{\sqrt{-6}}{\sqrt{2}}$

答. \_\_\_\_\_

(11)  $\frac{\sqrt{-12}}{\sqrt{-2}}$

答. \_\_\_\_\_

(12)  $\frac{\sqrt{10}}{\sqrt{-2}}$

答. \_\_\_\_\_

(13)  $\frac{\sqrt{-10}}{\sqrt{-2}}$

答. \_\_\_\_\_

(14)  $\frac{\sqrt{2}}{\sqrt{-4}}$

答. \_\_\_\_\_

(15)  $\frac{\sqrt{-6}}{\sqrt{-3}}$

答. \_\_\_\_\_

(16)  $\frac{\sqrt{4}}{\sqrt{-2}}$

答. \_\_\_\_\_

(17)  $\frac{\sqrt{-6}}{\sqrt{3}}$

答. \_\_\_\_\_

(18)  $\frac{\sqrt{-9}}{\sqrt{-4}}$

答. \_\_\_\_\_

(19)  $\frac{\sqrt{-4}}{\sqrt{-2}}$

答. \_\_\_\_\_

(20)  $\frac{\sqrt{-6}}{\sqrt{4}}$

答. \_\_\_\_\_

### 複素数 ( $\sqrt{-a}$ を含むかけ算わり算)3

氏名 \_\_\_\_\_

1. 次の式を計算せよ。

(1)  $\frac{\sqrt{-7}}{\sqrt{-3}}$

答. \_\_\_\_\_

(2)  $\frac{\sqrt{-10}}{\sqrt{-3}}$

答. \_\_\_\_\_

(3)  $\frac{\sqrt{-8}}{\sqrt{-3}}$

答. \_\_\_\_\_

(4)  $\frac{\sqrt{10}}{\sqrt{-3}}$

答. \_\_\_\_\_

(5)  $\frac{\sqrt{-2}}{\sqrt{-3}}$

答. \_\_\_\_\_

(6)  $\frac{\sqrt{-10}}{\sqrt{3}}$

答. \_\_\_\_\_

(7)  $\frac{\sqrt{-5}}{\sqrt{3}}$

答. \_\_\_\_\_

(8)  $\frac{\sqrt{9}}{\sqrt{-2}}$

答. \_\_\_\_\_

(9)  $\frac{\sqrt{11}}{\sqrt{-3}}$

答. \_\_\_\_\_

(10)  $\frac{\sqrt{-5}}{\sqrt{-2}}$

答. \_\_\_\_\_

(11)  $\frac{\sqrt{-11}}{\sqrt{3}}$

答. \_\_\_\_\_

(12)  $\frac{\sqrt{-3}}{\sqrt{-2}}$

答. \_\_\_\_\_

(13)  $\frac{\sqrt{-9}}{\sqrt{2}}$

答. \_\_\_\_\_

(14)  $\frac{\sqrt{-4}}{\sqrt{3}}$

答. \_\_\_\_\_

(15)  $\frac{\sqrt{-11}}{\sqrt{-2}}$

答. \_\_\_\_\_

(16)  $\frac{\sqrt{11}}{\sqrt{-2}}$

答. \_\_\_\_\_

(17)  $\frac{\sqrt{4}}{\sqrt{-3}}$

答. \_\_\_\_\_

(18)  $\frac{\sqrt{5}}{\sqrt{-3}}$

答. \_\_\_\_\_

(19)  $\frac{\sqrt{-2}}{\sqrt{3}}$

答. \_\_\_\_\_

(20)  $\frac{\sqrt{3}}{\sqrt{-2}}$

答. \_\_\_\_\_

# 複素数 ( $\sqrt{-a}$ を含むかけ算わり算)4

氏名 \_\_\_\_\_

1. 次の式を計算せよ。

(1)  $\frac{\sqrt{5}}{\sqrt{-3}}$

答. \_\_\_\_\_

(2)  $\frac{\sqrt{-6}}{\sqrt{4}}$

答. \_\_\_\_\_

(3)  $\frac{\sqrt{-9}}{\sqrt{2}}$

答. \_\_\_\_\_

(4)  $\frac{\sqrt{9}}{\sqrt{-2}}$

答. \_\_\_\_\_

(5)  $\frac{\sqrt{-12}}{\sqrt{-4}}$

答. \_\_\_\_\_

(6)  $\frac{\sqrt{-11}}{\sqrt{2}}$

答. \_\_\_\_\_

(7)  $\frac{\sqrt{-10}}{\sqrt{-3}}$

答. \_\_\_\_\_

(8)  $\frac{\sqrt{-7}}{\sqrt{3}}$

答. \_\_\_\_\_

(9)  $\frac{\sqrt{-11}}{\sqrt{-2}}$

答. \_\_\_\_\_

(10)  $\frac{\sqrt{-2}}{\sqrt{-3}}$

答. \_\_\_\_\_

(11)  $\frac{\sqrt{8}}{\sqrt{-3}}$

答. \_\_\_\_\_

(12)  $\frac{\sqrt{-2}}{\sqrt{-4}}$

答. \_\_\_\_\_

(13)  $\frac{\sqrt{6}}{\sqrt{-3}}$

答. \_\_\_\_\_

(14)  $\frac{\sqrt{2}}{\sqrt{-3}}$

答. \_\_\_\_\_

(15)  $\frac{\sqrt{6}}{\sqrt{-4}}$

答. \_\_\_\_\_

(16)  $\frac{\sqrt{-3}}{\sqrt{4}}$

答. \_\_\_\_\_

(17)  $\frac{\sqrt{-12}}{\sqrt{4}}$

答. \_\_\_\_\_

(18)  $\frac{\sqrt{6}}{\sqrt{-2}}$

答. \_\_\_\_\_

(19)  $\frac{\sqrt{4}}{\sqrt{-2}}$

答. \_\_\_\_\_

(20)  $\frac{\sqrt{-10}}{\sqrt{2}}$

答. \_\_\_\_\_

# 複素数 ( $\sqrt{-a}$ を含むかけ算わり算)5

氏名 \_\_\_\_\_

1. 次の式を計算せよ。

(1)  $\frac{\sqrt{-8}}{\sqrt{3}}$

答. \_\_\_\_\_

(2)  $\frac{\sqrt{-8}}{\sqrt{2}}$

答. \_\_\_\_\_

(3)  $\frac{\sqrt{-5}}{\sqrt{2}}$

答. \_\_\_\_\_

(4)  $\sqrt{-2}\sqrt{-8}$

答. \_\_\_\_\_

(5)  $\frac{\sqrt{-3}}{\sqrt{2}}$

答. \_\_\_\_\_

(6)  $\frac{\sqrt{11}}{\sqrt{-3}}$

答. \_\_\_\_\_

(7)  $\frac{\sqrt{12}}{\sqrt{-4}}$

答. \_\_\_\_\_

(8)  $\frac{\sqrt{4}}{\sqrt{-2}}$

答. \_\_\_\_\_

(9)  $\sqrt{-8}\sqrt{-8}$

答. \_\_\_\_\_

(10)  $\frac{\sqrt{-12}}{\sqrt{-2}}$

答. \_\_\_\_\_

(11)  $\frac{\sqrt{12}}{\sqrt{-3}}$

答. \_\_\_\_\_

(12)  $\sqrt{2}\sqrt{-10}$

答. \_\_\_\_\_

(13)  $\frac{\sqrt{-2}}{\sqrt{4}}$

答. \_\_\_\_\_

(14)  $\frac{\sqrt{10}}{\sqrt{-3}}$

答. \_\_\_\_\_

(15)  $\sqrt{-6}\sqrt{-8}$

答. \_\_\_\_\_

(16)  $\sqrt{3}\sqrt{-8}$

答. \_\_\_\_\_

(17)  $\frac{\sqrt{3}}{\sqrt{-2}}$

答. \_\_\_\_\_

(18)  $\sqrt{-2}\sqrt{10}$

答. \_\_\_\_\_

(19)  $\sqrt{2}\sqrt{-4}$

答. \_\_\_\_\_

(20)  $\frac{\sqrt{8}}{\sqrt{-3}}$

答. \_\_\_\_\_