

基礎数学 中間テスト 6/4/09 (佐藤) — 略解

1

(1) π

(2) $2\sqrt{5}$

(3) $\sqrt{2}$

(4) $\frac{2 \pm \sqrt{5}i}{3}$

(5) $-\frac{1}{\sqrt{2}}$

(6) 0

(7) -6

(8) a^{-8}

2

(1) \mathcal{I}

(2) \mathcal{K}

3

(1) $\frac{1}{2}, -5$

(2) $x < -5, x > \frac{1}{2}$

4

(1) 0

(2) $(x-1)(x-2)^2$

5

$-\frac{\sqrt{13}}{4}$