

Handout 17x-5

① ~~Ⓐ~~ $f^{-1}(x) = \left(\frac{1}{2}\right)^x + 2$

Ⓘ $\{x \mid x > 2\}$
 $\{y \mid y \in \mathbb{R}\}$

ⓓ $\{x \mid x \in \mathbb{R}\}$
 $\{y \mid y > 2\}$

ⓑ Ⓘ $f^{-1}(x) = \frac{\ln\left(\frac{x+7}{5}\right) - 4}{2}$

Ⓘ $\{x \mid x \in \mathbb{R}\}$
 $\{y \mid y > -7\}$

ⓓ $\{x \mid x > -7\}$
 $\{y \mid y \in \mathbb{R}\}$

Ⓒ Ⓘ $f^{-1}(x) = 10^{2x+6}$

Ⓘ $\{x \mid x > 0\}$
 $\{y \mid y \in \mathbb{R}\}$

ⓓ $\{x \mid x \in \mathbb{R}\}$
 $\{y \mid y > 0\}$

② Ⓐ $\{x \mid x < -5 \text{ or } x > 2\}$

Ⓑ $\{x \mid -3 < x < 4\}$

Ⓒ $\{x \mid x < -2 \text{ or } x > 0\}$

Ⓓ $\{x \mid x \in \mathbb{R}\}$

③ No