

$$\begin{array}{ccccccc}
 \mathbb{H} & \leftarrow & \mathbb{C} & \leftarrow & \mathbb{R} & \leftarrow & \mathbb{Q} \leftarrow \mathbb{Z} \\
 x^2 = -1 & & x^2 = -1 & & x^2 = -1 & & \\
 \text{has } \infty & & \text{has } 2 & & \text{has no} & & \\
 \text{solutions} & & \text{solutions} & & \text{solution} & & 
 \end{array}$$