

Using each of the numbers **5**, **6**, **7**, and **8** only once,  
construct a quotient with the given properties.

smallest possible quotient

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \div \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

largest possible quotient

$$\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \div \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

What was your thinking behind how you found your answers?