

**Math 990D – Spring 2026**  
**Math Circles – Sat Feb 28**  
**Smallest denominator competition**

**Name:** \_\_\_\_\_

1. Find the fraction with the smallest possible denominator between the two fractions:

$$\frac{18}{25} \text{ and } \frac{11}{15}.$$

2. Find a fraction with denominator as small as possible between the two fractions:

$$\frac{373}{857} \text{ and } \frac{37}{85}.$$