

## Handwriting of Paul Erdős

$$\frac{3}{5}$$

$$\frac{7}{10}$$

$$\frac{10}{14} = \frac{5}{7}$$

$$\sqrt{2} = \frac{a}{b} \quad (\sqrt{2}) \cdot \sqrt{2} = 2$$

$$(\sqrt{2})^2 = 2$$

$$\frac{a^2}{b^2} = 2$$

$$a^2 = 2b^2$$

$$a = 2x$$

$$2x \cdot 2x = 4x^2$$

$$4x^2 = 2b^2$$

$$2x^2 = b^2 \quad b = 2y$$

$$a = 2x$$

$$b = 2y$$

E. O

P Erdős (p q o m a. d) explains to  
 Laura Vaccronzi that  $\sqrt{2}$  is irrational  
 Gainesville Florida 1979 I 13