

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Mystery fractions

Find what each shape stands for, then to solve each question. Show your final answer in its simplest form.

$$\frac{1}{3} + \star = \frac{2}{3}$$

$$\frac{1}{2} + \star = \boxed{\phantom{000}}$$

$$\text{pentagon} - \frac{1}{8} = \frac{1}{2}$$

$$\frac{1}{4} + \text{pentagon} = \boxed{\phantom{000}}$$

$$\frac{6}{10} + \text{crescent} = 1$$

$$\text{crescent} + \frac{1}{5} = \boxed{\phantom{000}}$$

$$\frac{1}{7} + \text{triangle} = \frac{8}{21}$$

$$\text{triangle} + \text{triangle} = \boxed{\phantom{000}}$$

$$\text{heart} - \frac{7}{12} = 0$$

$$\frac{1}{4} + \text{heart} = \boxed{\phantom{000}}$$