

Mystery fractions

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

Answer sheet

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

$$\frac{1}{2} + \star = \boxed{\frac{5}{6}}$$

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

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$

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

$$\frac{1}{4} + \text{pentagon} = \boxed{\frac{7}{8}}$$

$$\frac{5}{8} - \frac{1}{8} = \frac{4}{8}$$

$$\frac{2}{8} + \frac{5}{8} = \frac{7}{8}$$

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

$$\text{crescent} + \frac{1}{5} = \boxed{\frac{3}{5}}$$

$$\frac{6}{10} + \frac{4}{10} = 1$$

$$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$$

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

$$\triangle + \triangle = \boxed{\frac{10}{21}}$$

$$\frac{3}{21} + \frac{5}{21} = \frac{8}{21}$$

$$\frac{5}{21} + \frac{5}{21} = \frac{10}{21}$$

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

$$\frac{1}{4} + \text{heart} = \boxed{\frac{5}{6}}$$

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

$$\frac{3}{12} + \frac{7}{12} = \frac{10}{12}$$