

## Questions: Closest Number

1. Circle the number in the list below that is closest to  $\frac{1}{3}$ .

$$\frac{1}{6} \quad \frac{2}{3} \quad \frac{2}{5} \quad \frac{5}{6}$$

2. Circle the number in the list below that is closest to  $\frac{2}{3}$ .

$$\frac{1}{8} \quad \frac{1}{16} \quad \frac{1}{2} \quad \frac{5}{8}$$

3. Circle the number in the list below that is closest to  $\frac{3}{8}$ .

$$\frac{7}{8} \quad \frac{5}{6} \quad \frac{1}{6} \quad \frac{1}{5}$$

4. Circle the number in the list below that is closest to  $\frac{1}{3}$ .

$$\frac{3}{5} \quad \frac{1}{8} \quad \frac{4}{5} \quad \frac{7}{8}$$

5. Circle the number in the list below that is closest to  $\frac{4}{5}$ .

$$\frac{2}{5} \quad \frac{3}{5} \quad \frac{2}{3} \quad \frac{1}{16}$$

6. Circle the number in the list below that is closest to  $\frac{2}{3}$ .

$$\frac{1}{5} \quad \frac{1}{6} \quad \frac{5}{8} \quad \frac{3}{4}$$

7. Circle the number in the list below that is closest to  $\frac{3}{8}$ .

$$\frac{1}{5} \quad \frac{3}{5} \quad \frac{1}{6} \quad \frac{4}{5}$$

8. Circle the number in the list below that is closest to  $\frac{1}{2}$ .

$$\frac{5}{8} \quad \frac{1}{8} \quad \frac{1}{5} \quad \frac{1}{4}$$

## Answers: Closest Number

1. The order of the fractions is  $\frac{1}{6} \rightarrow \frac{1}{3} \rightarrow \frac{2}{5} \rightarrow \frac{2}{3} \rightarrow \frac{5}{6}$ .  
The closest number to  $\frac{1}{3}$  is  $\frac{2}{5}$ .
2. The order of the fractions is  $\frac{1}{16} \rightarrow \frac{1}{8} \rightarrow \frac{1}{2} \rightarrow \frac{5}{8} \rightarrow \frac{2}{3}$ .  
The closest number to  $\frac{2}{3}$  is  $\frac{5}{8}$ .
3. The order of the fractions is  $\frac{1}{6} \rightarrow \frac{1}{5} \rightarrow \frac{3}{8} \rightarrow \frac{5}{6} \rightarrow \frac{7}{8}$ .  
The closest number to  $\frac{3}{8}$  is  $\frac{1}{5}$ .
4. The order of the fractions is  $\frac{1}{8} \rightarrow \frac{1}{3} \rightarrow \frac{3}{5} \rightarrow \frac{4}{5} \rightarrow \frac{7}{8}$ .  
The closest number to  $\frac{1}{3}$  is  $\frac{1}{8}$ .
5. The order of the fractions is  $\frac{1}{16} \rightarrow \frac{2}{5} \rightarrow \frac{3}{5} \rightarrow \frac{2}{3} \rightarrow \frac{4}{5}$ .  
The closest number to  $\frac{4}{5}$  is  $\frac{2}{3}$ .
6. The order of the fractions is  $\frac{1}{6} \rightarrow \frac{1}{5} \rightarrow \frac{5}{8} \rightarrow \frac{2}{3} \rightarrow \frac{3}{4}$ .  
The closest number to  $\frac{2}{3}$  is  $\frac{5}{8}$ .
7. The order of the fractions is  $\frac{1}{6} \rightarrow \frac{1}{5} \rightarrow \frac{3}{8} \rightarrow \frac{3}{5} \rightarrow \frac{4}{5}$ .  
The closest number to  $\frac{3}{8}$  is  $\frac{1}{5}$ .
8. The order of the fractions is  $\frac{1}{8} \rightarrow \frac{1}{5} \rightarrow \frac{1}{4} \rightarrow \frac{1}{2} \rightarrow \frac{5}{8}$ .  
The closest number to  $\frac{1}{2}$  is  $\frac{5}{8}$ .