

Name:		
Date:		

Four Types of Fractions

F-TOF 1

Instructions: Mark the correct box to tell which group the fraction belongs to.

Example

	always has zero as top number
7	zero bigger bottom number
18	whole same top and bottom numbe
	improper same top and bottom numbe
	bigger top number

1	0	🔀 zero
	30	proper
		☐ imprope

	98	□ zero
2		
	89	proper
		whole whole whole whole whole whole whole whole
		X improper

3	15	zero
	77	X proper
		whole whole whole whole whole whole whole whole
		imprope

4	12	zero
	$\overline{112}$	x proper
		whole whole whole whole whole whole whole whole
		improper

5	45	_ zero
	15	proper
		whole whole whole whole whole whole whole whole
		💢 improper

7	9	zero
	9	proper
		🔀 whole
		improper

Fractions Close to 0, 1/2, and 1

F-TOF 2

Instructions: Look at the top and bottom numbers of each fraction and decide if its value is closest to 0, 1/2 or 1

$$\frac{6}{70}$$
 is close to $\frac{0}{100}$

Examples
$$\frac{6}{70}$$
 is close to $\frac{0}{40}$ is close to $\frac{1}{2}$ $\frac{9}{8}$ is close to $\frac{1}{2}$ top much smaller top about half of bottom top about the same as bottom

$$\frac{48}{50}$$
 is close to $\underline{1}$

$$\frac{7}{15}$$
 is close to $\frac{1}{2}$

$$\frac{1}{20}$$
 is close to 0

$$\frac{57}{60}$$
 is close to 1

$$\frac{6}{13}$$
 is close to $\frac{1}{2}$

$$\frac{27}{25}$$
 is close to $\frac{1}{25}$

$$\frac{6}{120}$$
 is close to $\frac{0}{120}$

$$\frac{10}{350}$$
 is close to 0

$$\frac{10}{22}$$
 is close to $\frac{1}{2}$

$$\frac{10}{11}$$
 is close to $\underline{1}$

$$\frac{2}{30}$$
 is close to 0

$$\frac{120}{115}$$
 is close to $\frac{1}{115}$

$$\frac{30}{900}$$
 is close to 0

$$\frac{32}{60}$$
 is close to $\frac{1}{2}$

$$\frac{39}{80}$$
 is close to $\frac{1}{2}$

$$\frac{75}{160}$$
 is close to $\frac{1}{2}$

$$\frac{16}{30}$$
 is close to $\frac{1}{2}$

$$\frac{2}{27}$$
 is close to $\frac{0}{27}$

$$\frac{70}{75}$$
 is close to 1

$$\frac{99}{105}$$
 is close to $\underline{1}$

Comparing Fractions (by type & estimation)

F-TOF 3

Instructions: For each pair of fractions, use the greater than (>), less than (<) or equal to (=) sign to show which has the greatest value. Use what you learned in the video about the types of fractions and fractions that are close to 0, 1/2 and 1 to help you.

$$\frac{1}{2} \geqslant \frac{0}{8}$$

$$\frac{15}{16} \geqslant \frac{1}{20}$$

$$\frac{3}{3}$$
 \bigcirc $\frac{8}{12}$

$$\frac{7}{2}$$
 \bigcirc $\frac{9}{15}$

$$\frac{10}{21}$$
 $\geqslant \frac{5}{1,000}$

$$\begin{array}{c} 6 & \frac{77}{77} \bigcirc \begin{array}{c} \frac{5}{5} \end{array}$$

$$\frac{2}{2} \oplus \frac{40}{40}$$

$$\frac{40}{82}$$
 \bigcirc $\frac{999}{1,000}$

$$\frac{0}{1} \otimes \frac{1}{1}$$

$$\frac{18}{20}$$
 $\geqslant \frac{1}{1,000}$

$$\frac{25}{50}$$
 \bigcirc $\frac{50}{50}$

$$\frac{43}{7} \geqslant \frac{7}{30}$$

$$\frac{10}{8,000}$$
 \bigcirc $\frac{3}{4}$

$$\frac{0}{120} < \frac{90}{95}$$

$$\frac{7}{6}$$
 \bigcirc $\frac{6}{6}$

$$\frac{50}{100}$$
 \bigcirc $\frac{2}{30}$

$$\frac{0}{100} \otimes \frac{100}{1,000}$$

$$\frac{500}{1,000} \bigcirc \frac{1}{2}$$

$$\frac{25}{2}$$
 \bigcirc $\frac{2}{5}$

$$\frac{1}{8}$$
 \bigcirc $\frac{18}{1}$