

Name:		
Date:		

Four Types of Fractions

TOF 1

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

Example

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

1	0	🔀 zero
	30	proper
	30	whole whole whole whole whole whole whole whole
		improper

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

3	15	_ zero
	77	🗙 proper
		whole
		improper improper

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
		X improper

7	9	_ zero
	9	proper
		🔀 whole
		improper improper

9	100	zero
	750	properwholeimproper

Fractions Close to 0, 1/2, and 1

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 $\frac{0}{100}$

$$\frac{21}{40}$$
 is close to $\frac{1}{2}$ top about half of bottom

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 top about the same as bottom

- $\frac{48}{50}$ is close to $\frac{1}{1}$
- $\frac{7}{15}$ is close to $\frac{1}{2}$

- $\frac{1}{20}$ is close to $\frac{0}{20}$
- $\frac{57}{60}$ is close to $\frac{1}{1}$
- $\frac{6}{13}$ 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 $\frac{1}{11}$

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

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

- $\frac{30}{900}$ 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 $\frac{1}{1}$
- $\frac{99}{105}$ is close to 1

Comparing Fractions (by type and estimation)

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 $\frac{2}{30}$

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

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

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

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