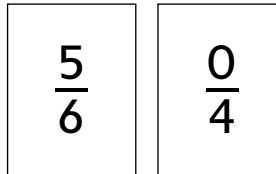


Fraction Top-It

- Materials**
- 1 set of fraction cards
 - 1 *Top-It* Record Sheet for each player
(*Math Masters*, p. G2)



- Players** 2
- Skill** Comparing fractions

Object of the Game To collect more cards.

Directions

- 1 Deal 16 cards, number-side up, to each player.
- 2 Players spread their cards out, number-side up, so that all of the cards may be seen.
- 3 Players take turns, starting with the dealer. Each player plays one card. Place the cards number-side up in the center of the table.
- 4 Players compare cards. The player with the larger fraction wins the round and takes all of the cards. Players may check who has the larger fraction by turning over the cards and comparing the amounts shaded or the distance from 0 on the number line. Players should justify their comparisons. Each player records the comparison on his or her *Top-It* Record Sheet.
- 5 If the fractions are equivalent, each player plays another card. The player with the larger fraction takes all the cards from both plays.
- 6 The player who takes the cards starts the next round.
- 7 The game is over when all of the cards have been played. The player with more cards wins.

Variations

- Replace the fraction cards with one set of Fraction Notation Cards (*Math Journal 1*, Activity Sheets 10–12).
- To play with 3–4 players, deal 10 cards to each player for 3 players, or deal 8 cards to each player for 4 players. Each player plays one card. The player with the largest fraction takes all the cards. Players do not need to record their comparisons.

Fraction Cards 1



<p>0/1</p>	<p>0/1</p>	<p>0/2, 1/2, 2/2</p>
<p>0/2, 1/2, 2/2</p>	<p>0/2, 1/2, 2/2</p>	<p>0/3, 1/3, 2/3, 3/3</p>
<p>0/3, 1/3, 2/3, 3/3</p>	<p>0/3, 1/3, 2/3, 3/3</p>	<p>0/3, 1/3, 2/3, 3/3</p>

Fraction Cards 1 (continued)

$$\frac{0}{2}$$

$$\frac{1}{1}$$

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

$$\frac{0}{3}$$

$$\frac{2}{2}$$

$$\frac{1}{2}$$

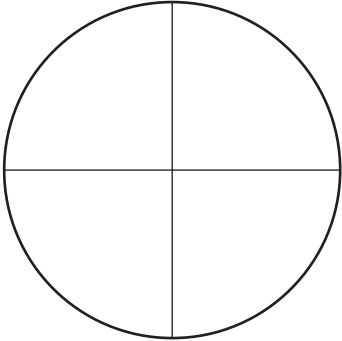
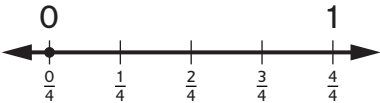
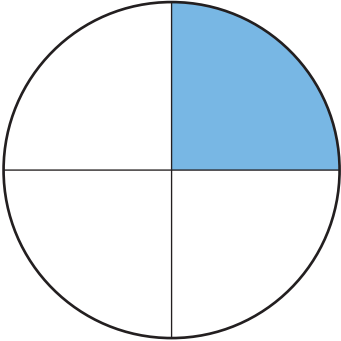
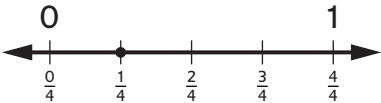
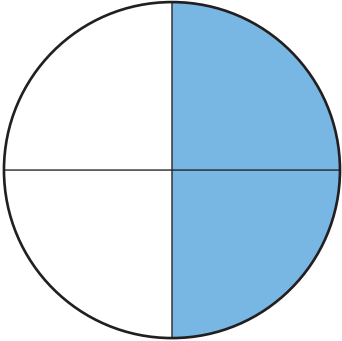
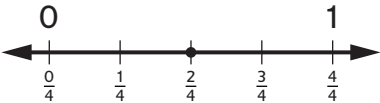
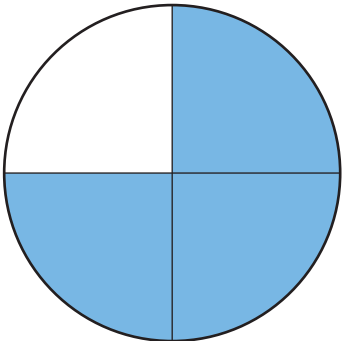
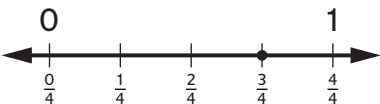
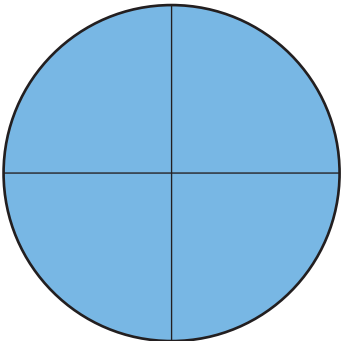
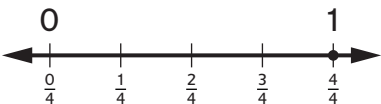
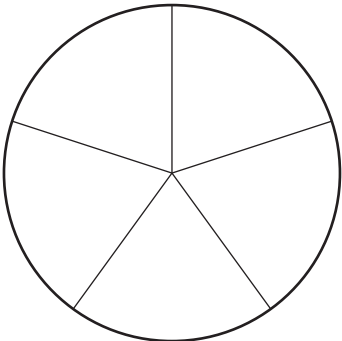

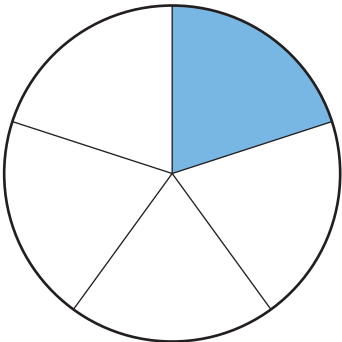

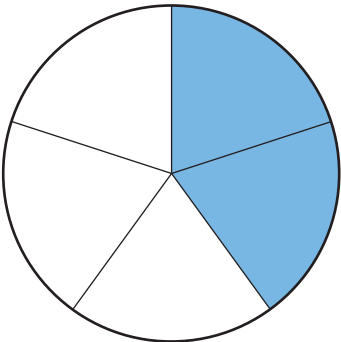

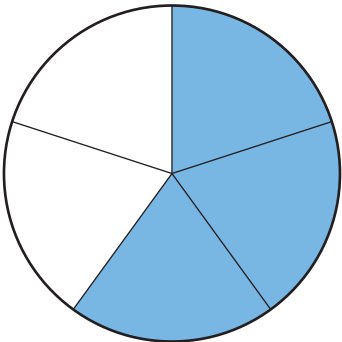

$$\frac{3}{3}$$

$$\frac{2}{3}$$

$$\frac{1}{3}$$

Fraction Cards 2



Fraction Cards 2 (continued)

$$\frac{2}{4}$$

$$\frac{1}{4}$$

$$\frac{0}{4}$$

$$\frac{0}{5}$$

$$\frac{4}{4}$$

$$\frac{3}{4}$$

$$\frac{3}{5}$$

$$\frac{2}{5}$$

$$\frac{1}{5}$$

Fraction Cards 3



Fraction Cards 3 (continued)

$$\frac{0}{6}$$

$$\frac{5}{5}$$

$$\frac{4}{5}$$

$$\frac{3}{6}$$

$$\frac{2}{6}$$

$$\frac{1}{6}$$

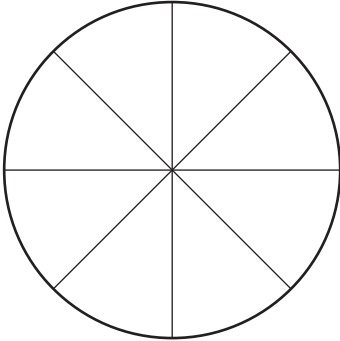

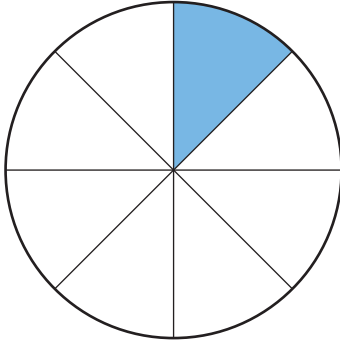

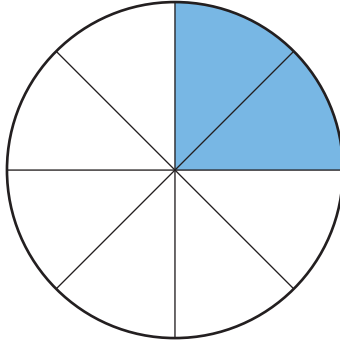

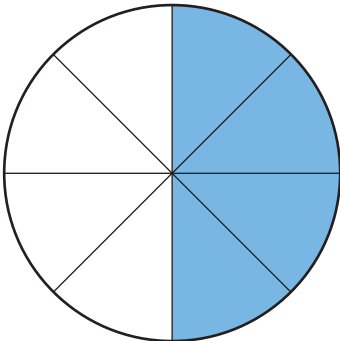

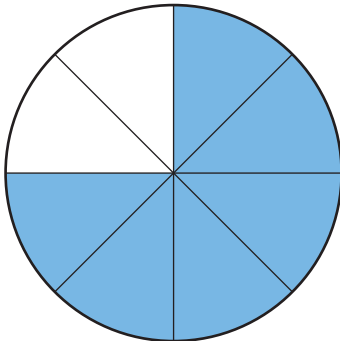

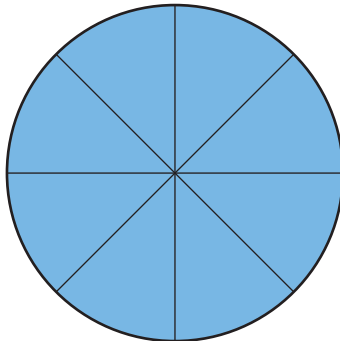

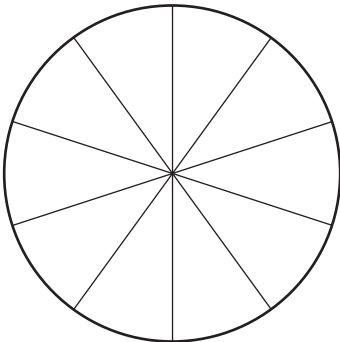

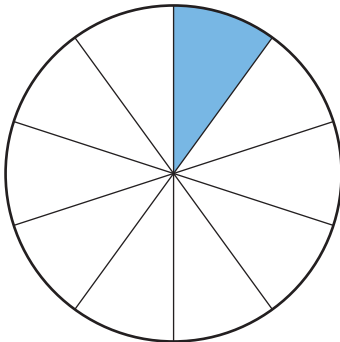
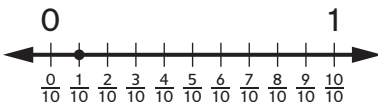
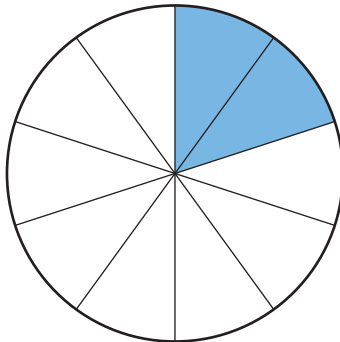

$$\frac{6}{6}$$

$$\frac{5}{6}$$

$$\frac{4}{6}$$

Fraction Cards 4



Fraction Cards 4 (continued)

$$\frac{2}{8}$$

$$\frac{1}{8}$$

$$\frac{0}{8}$$

$$\frac{8}{8}$$

$$\frac{6}{8}$$

$$\frac{4}{8}$$

$$\frac{2}{10}$$

$$\frac{1}{10}$$

$$\frac{0}{10}$$

Fraction Cards 5



<p>0 1 10 10 10 10 10 10 10 10 10 10</p>	<p>0 1 10 10 10 10 10 10 10 10 10 10</p>	<p>0 1 10 10 10 10 10 10 10 10 10 10</p>
<p>0 1 10 10 10 10 10 10 10 10 10 10</p>	<p>0 1 10 10 10 10 10 10 10 10 10 10</p>	<p>0 1 10 10 10 10 10 10 10 10 10 10</p>
<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>	<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>	<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>

Fraction Cards 5 (continued)

$$\frac{6}{10}$$

$$\frac{5}{10}$$

$$\frac{4}{10}$$

$$\frac{10}{10}$$

$$\frac{9}{10}$$

$$\frac{8}{10}$$

$$\frac{2}{12}$$

$$\frac{1}{12}$$

$$\frac{0}{12}$$

Fraction Cards 6



<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>	<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>	<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>
<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>	<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>	<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>
<p>0 1 12 12 12 12 12 12 12 12 12 12 12 12</p>	<p>0 1</p>	<p>0 1</p>

Fraction Cards 6 (continued)

$$\frac{6}{12}$$

$$\frac{4}{12}$$

$$\frac{3}{12}$$

$$\frac{10}{12}$$

$$\frac{9}{12}$$

$$\frac{8}{12}$$

$$\underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$

$$\frac{12}{12}$$

Top-It Record Sheet



NAME	DATE	TIME
------	------	------

Round	Player 1	>, <, =	Player 2
Sample	$4 + 6 = 10$	<	$8 + 3 = 11$
1			
2			
3			
4			
5			



Top-It Record Sheet



NAME	DATE	TIME
------	------	------

Round	Player 1	>, <, =	Player 2
Sample	$4 + 6 = 10$	<	$8 + 3 = 11$
1			
2			
3			
4			
5			

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