

Counter Fraction Fun

Read each set and name its fraction.

GRADE 2 • 2.NS.3.e.iii

2.NS.3.e.iii "Given a context, represent, name, and write fractional parts of a whole for halves, fourths, eighths, thirds, and sixths using: set models (e.g., chips, counters, cubes)."

NAME _____

DATE _____

COUNT THE SET

A set is a group of objects. Count all the objects for the bottom number. Count the chosen objects for the top number, then say the fraction name.

WORKED EXAMPLE

A set has 8 puppy counters.
Spotted: ●●● Plain: ○○○○○○.
What fraction are spotted?

1. Count all counters: 8.
2. Count spotted counters: 3.
3. Write $\frac{3}{8}$.
4. Say three eighths.

Answer: $\frac{3}{8}$, three eighths

PRACTICE 4 problems

- 1** Two robot counters are shown. Red: ● Blue: ○. What fraction are red? Write the fraction and name.

ANSWER _____

- 2** Three marble counters are shown. Green: ● Yellow: ○○. What fraction are green? Write the fraction and name.

ANSWER _____

- 3** Four cookie counters are shown. Sprinkled: ●● Plain: ○○. What fraction are sprinkled? Write the fraction and name.

ANSWER _____

- 4** Six fish counters are shown. Orange: ●●● Gray: ○○○. What fraction are orange? Write the fraction and name.

ANSWER _____

APPLY IT Show your work

- 1** At a game table, there are 4 cards. Dragon: ● Moon: ○ ○ ○. What fraction are dragon cards? Write the fraction and name.

WORK SPACE

ANSWER _____

- 2** At a pet parade, 6 dogs line up. Hat dogs: ● ● No-hat dogs: ○ ○ ○ ○. What fraction wear hats? Write the fraction and name.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A set has 6 button counters. Hearts: ● ● Stars: ● ● Circles: ○ ○. What fraction are hearts or stars? Write the fraction and name.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Two robot counters are shown. Red: ● Blue: ○. What fraction are red? Write the fraction and name.	1/2, one half
2	Three marble counters are shown. Green: ● Yellow: ○ ○. What fraction are green? Write the fraction and name.	1/3, one third
3	Four cookie counters are shown. Sprinkled: ● ● Plain: ○ ○. What fraction are sprinkled? Write the fraction and name.	2/4, two fourths
4	Six fish counters are shown. Orange: ● ● ● Gray: ○ ○ ○. What fraction are orange? Write the fraction and name.	3/6, three sixths

PART 2 • APPLY IT

1. **1/4, one fourth** There are 4 cards in all and 1 dragon card. Write 1/4 and name it one fourth.
2. **2/6, two sixths** There are 6 dogs in all and 2 wear hats. Write 2/6 and name it two sixths.

CHALLENGE

4/6, four sixths

Accept the fraction with the total number of counters as the bottom number and the matching fraction name. For the challenge, accept 4/6, not a simplified form, because the set is divided into sixths.