LESSON MAKER PRO

Fraction Steps

Count equal parts past one whole.

GRADE 2 · 2.NS.3.d

2.NS.3.d "Using same-size fraction pieces, from a region/area model, count by unit fractions up to two wholes (e.g., zero one-fourths, one one-fourth, two one-fourths, three one-fourths, four one-fourths, five one-fourths; or zero-fourths..."

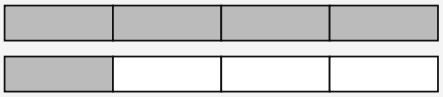
NAME _____ DATE _____

COUNT UNIT FRACTIONS

Equal pieces must be the same size. Name each piece with the same unit fraction as you count. Keep counting that unit fraction after one whole.

WORKED EXAMPLE

Each equal-length strip is one whole. How many fourths are shaded?



1. Count: 1/4, 2/4, 3/4, 4/4, 5/4.
2. Four fourths make one whole; keep counting fourths in the next strip.

Answer: 5 fourths, or 5/4

PRACTICE 4 problems

1 A pizza is cut into 4 equal pieces. Sam counts 1/4, 2/4, 3/4. What is the next count?

ANSWER _____

2 A toy track has 2 equal pieces. Jo has 1 piece. What fraction of the track does Jo have?

ANSWER _____

3 Count by sixths from 1/6 through two wholes. Write the counts. How many sixths make two wholes?

ANSWER _____

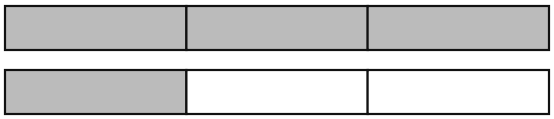
_____

4 Two same-size game boards each have 8 equal spaces. Lee fills 10 spaces. Complete: ___ eighths = ___/8 of one board.

ANSWER _____

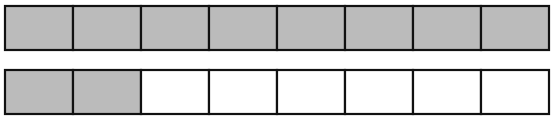
APPLY IT Show your work

1 At art club, Nia colors equal parts of two ribbon strips. Look at the model. How many thirds did she color?



ANSWER

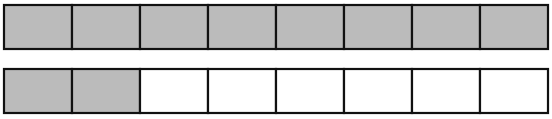
2 Each equal-size card is one whole. Count the shaded eighths. How many are shaded, and what fraction of one card is that?



ANSWER

CHALLENGE One step up

Ari says the model shows 1 whole and 2/8. Is Ari correct? Explain.



WORK SPACE AND ANSWER

ANSWER KEY

Fraction Steps

GRADE 2 · 2.NS.3.d

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A pizza is cut into 4 equal pieces. Sam counts 1/4, 2/4, 3/4. What is the next count?	**4/4**
2	A toy track has 2 equal pieces. Jo has 1 piece. What fraction of the track does Jo have?	**1/2**
3	Count by sixths from 1/6 through two wholes. Write the counts. How many sixths make two wholes?	**1/6, 2/6, 3/6, 4/6, 5/6, 6/6, 7/6, 8/6, 9/6, 10/6, 11/6, 12/6; 12 sixths.**
4	Two same-size game boards each have 8 equal spaces. Lee fills 10 spaces. Complete: ___ eighths = ___/8 of one board.	**10 eighths = 10/8**

PART 2 · APPLY IT

1. **4 thirds; 4/3 of one strip.** Count 3 shaded thirds on the first strip and 1 shaded third on the second strip. That is 4/3.
2. **10 eighths; 10/8 of one card.** Count eight shaded eighths on the first card and two more on the second: 10 eighths.

CHALLENGE

Yes. 8/8 is 1 whole, and 2/8 are left.

Accept fraction names written in words when they match the fraction. For the challenge, accept an explanation that identifies 8/8 as one whole and 2/8 as the extra parts.