

Parts Make Wholes

Count equal parts past one whole.

GRADE 2 • TEKS 2.3.C

2.3.C "use concrete models to count fractional parts beyond one whole using words and recognize how many parts it takes to equal one whole; and"

NAME _____

DATE _____

MAKE WHOLE GROUPS

Count the equal parts. When you have enough parts to make a whole, say one whole. Then name any parts left.

WORKED EXAMPLE

Noah has 9 one-third pieces of a ribbon. Three pieces make one whole ribbon. How many whole ribbons does he have?

1. 3 one-thirds make 1 whole.
2. 9 one-thirds make 3 groups of 3.
3. Say: three whole ribbons.

Answer: three whole ribbons

PRACTICE 4 problems

- 1** Zoe has 8 one-fourth pieces of a cookie. Four pieces make one whole cookie. Write the amount in words.

ANSWER _____

- 2** Kai has 7 one-half pieces of a sandwich. Two pieces make one whole sandwich. Write the amount in words.

ANSWER _____

- 3** Lena has 12 one-sixth pieces of a play dough snake. Six pieces make one whole snake. Write the amount in words.

ANSWER _____

- 4** Omar has 11 one-fourth pieces of a paper road. Four pieces make one whole road. Write the amount in words.

ANSWER _____

APPLY IT Show your work

- 1** At snack time, Ava has 9 banana halves. Two halves make one whole banana. How many whole bananas and halves does Ava have? Write the amount in words.

WORK SPACE

ANSWER _____

- 2** Ben has 14 one-fifth strips for paper flags. Five strips make one whole flag. How many whole flags and fifths does Ben have? Write the amount in words.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A whole toy race track uses 6 equal track pieces. Priya has 17 pieces. How many whole tracks and pieces does she have? Write the amount in words.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Zoe has 8 one-fourth pieces of a cookie. Four pieces make one whole cookie. Write the amount in words.	two whole cookies
2	Kai has 7 one-half pieces of a sandwich. Two pieces make one whole sandwich. Write the amount in words.	three whole sandwiches and one half-sandwich
3	Lena has 12 one-sixth pieces of a play dough snake. Six pieces make one whole snake. Write the amount in words.	two whole snakes
4	Omar has 11 one-fourth pieces of a paper road. Four pieces make one whole road. Write the amount in words.	two whole roads and three fourths of a road

PART 2 • APPLY IT

1. **four whole bananas and one half banana** Group the 9 halves into groups of 2. Four groups make whole bananas, with 1 half left.
2. **two whole flags and four fifths of a flag** Group the 14 fifths into groups of 5. Two groups make whole flags, with 4 fifths left.

CHALLENGE

two whole tracks and five sixths of a track

Accept equivalent wording, such as "4 wholes and 1 half." Students may write fractional symbols if the whole-and-part amount is correct.