LESSON MAKER PRO

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 _____

3 Your teacher supplies three same-size whole paper strips and cuts two of them into four equal pieces each. Keep the third strip uncut as the whole-size guide. Take seven fourth-pieces. Touch and count them: one fourth, two fourths, and so on. Fit pieces against the whole guide to build complete wholes; set any leftover pieces beside them. Draw your actual grouping, write the amount in words and tell how many fourths make one whole.

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

ANSWER KEY

Parts Make Wholes

GRADE 2 · TEKS 2.3.C

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.
3. **seven fourths; one whole and three fourths; four fourths make one whole** Supply the stated real pieces from identical wholes. Check that the learner physically counts seven equal fourth-pieces, fits four to the whole guide and leaves three. A matching sketch must show a complete four-piece whole and three separate fourth-pieces. The answer is one whole and three fourths. Require the real grouping; arithmetic alone is not this model task.

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. For Apply 3, check actual piece use, same-size whole reference, grouping and count in words. Fraction symbols may accompany the required spoken or written count; provide adult reading or scribing support as needed.