LESSON MAKER PRO

Fair Share Fun

Name equal parts in everyday things.

GRADE 2 · TEKS 2.3.A

2.3.A "partition objects into equal parts and name the parts, including halves, fourths, and eighths, using words;"

NAME _____ DATE _____

EQUAL PARTS

Equal parts are the same size. When something is split into 2 equal parts, each part is a half. When it is split into 4 equal parts, each part is a fourth, and when it is split into 8 equal parts, each part is an eighth.

WORKED EXAMPLE

A box has 12 crayons. The crayons are put into 4 equal cups. What fraction of the crayons is in 1 cup?

1. Put the 12 crayons into 4 equal cups.
2. 12 / 4 = 3, so each cup has 3 crayons.
3. One cup is 1 of 4 equal groups.

Answer: one fourth

PRACTICE 5 problems

1 A paper star is cut into 2 equal parts. What is each part called?

ANSWER _____

2 A pizza is cut into 4 equal slices. What is 1 slice called?

ANSWER _____

3 A bracelet has 8 equal sections. What is 1 section called?

ANSWER _____

4 Kai colors 3 of 4 equal parts of a robot picture. What fraction of the picture is colored?

ANSWER _____

5 Five of a toy train's 8 equal cars have flags. What fraction of the cars have flags?

ANSWER _____

APPLY IT Show your work

1 At a game club, 6 trading cards are shared equally between 2 players. What fraction of the cards does each player get?

WORK SPACE

ANSWER _____

2 A 24-piece puzzle is sorted equally into 8 bags. What fraction of the puzzle pieces is in 1 bag?

WORK SPACE

ANSWER _____

3 Your teacher gives you three uncreased rectangular paper strips. Fold the first into 2 equal parts, the second into 4 equal parts, and the third into 8 equal parts by folding in half once, twice and three times. Align the edges each time, unfold and trace the fold lines. Point to one part of each strip and name it in words. Attach all three strips and explain how you know the parts are equal.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A cookie is cut into 4 equal parts. Sam says 2 parts are two halves. Is Sam correct? Explain.

WORK SPACE AND ANSWER

ANSWER KEY # Fair Share Fun

GRADE 2 · TEKS 2.3.A

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A paper star is cut into 2 equal parts. What is each part called?	**one half**
2	A pizza is cut into 4 equal slices. What is 1 slice called?	**one fourth**
3	A bracelet has 8 equal sections. What is 1 section called?	**one eighth**
4	Kai colors 3 of 4 equal parts of a robot picture. What fraction of the picture is colored?	**three fourths**
5	Five of a toy train's 8 equal cars have flags. What fraction of the cars have flags?	**five eighths**

PART 2 · APPLY IT

1. **one half** Each player gets 3 cards. Each player has 1 of 2 equal shares, or one half.
2. **one eighth** Each bag gets 3 puzzle pieces. One bag is 1 of 8 equal groups, or one eighth.
3. **one half; one fourth; one eighth** Provide all three strips and support edge alignment. Check actual child-made 2-,4-,8-part strips:2,4,8 same-size regions respectively. Accept matching spoken or written part names and a size explanation based on aligned folds. Refold uneven shares; naming an already divided object alone does not complete this task.

CHALLENGE

No. Two of four equal parts are two fourths, and two fourths make one half.

Accept fraction names written as words, such as one fourth or three fourths. Accept hyphenated forms, such as one-fourth, if the fraction name is correct. Apply 3 requires the attached actual folded partitions as well as the names; adult reading and scribing may support the explanation. All regions on each individual strip must be the same size.