LESSON MAKER PRO

Fraction Fact Check

Find halves, fourths, and eighths.

GRADE 2 · TEKS 2.3.D

2.3.D "identify examples and non-examples of halves, fourths, and eighths."

NAME _____ DATE _____

EQUAL PARTS MATTER

A half is one of 2 equal parts of a whole. A fourth is one of 4 equal parts of a whole. An eighth is one of 8 equal parts of a whole. The whole is the complete object or collection; each named fraction is one equal share, not the whole partition.

WORKED EXAMPLE

Ten crackers are shared equally by 2 children. Each child gets 5 crackers. Is each share one half?

one half of the whole 

1. There are 10 crackers.
2. The crackers are split into 2 equal shares.
3. Each share has 5 crackers.
4. One of 2 equal shares is 1/2.

Answer: Yes, each child gets 1/2.

PRACTICE 4 problems

1 A sandwich is cut into 2 equal pieces. Sam gets 1 piece. Is Sam's share a half?

ANSWER _____

2 A trail mix bag has 4 equal scoops. Kim eats 3 scoops. Is 3/4 one half?

ANSWER _____

3 A paper strip is cut into 4 pieces. One piece is larger than the others. Can each piece be called a fourth? Write yes or no. Tell why.

ANSWER _____

_____

4 A toy train has 8 equal cars. One car is 1/8 of the train. Is this an eighth?

ANSWER _____

APPLY IT Show your work

1 At the snack table, 8 equal apple slices form the whole collection. One child takes 1 slice. Is the slice a half, a fourth, or an eighth of the collection?

WORK SPACE

ANSWER _____

2 Piper and a friend share 6 matching stickers equally. Piper gets 3 stickers. Is Piper's share one half?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Eight equal crayons are in a box. Two crayons are blue. Is the blue part one fourth of the crayons? Explain.

WORK SPACE AND ANSWER

ANSWER KEY

Fraction Fact Check

GRADE 2 · TEKS 2.3.D

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A sandwich is cut into 2 equal pieces. Sam gets 1 piece. Is Sam's share a half?	**Yes.**
2	A trail mix bag has 4 equal scoops. Kim eats 3 scoops. Is 3/4 one half?	**No.**
3	A paper strip is cut into 4 pieces. One piece is larger than the others. Can each piece be called a fourth? Write yes or no. Tell why.	**No. The pieces are not equal.**
4	A toy train has 8 equal cars. One car is 1/8 of the train. Is this an eighth?	**Yes.**

PART 2 · APPLY IT

1. **an eighth** There are 8 equal slices in the whole collection. One slice is one of the 8 equal shares, or one eighth.
2. **Yes, Piper's share is one half.** The 6 stickers are split into 2 equal shares of 3 stickers. Piper has 1 of the 2 equal shares.

CHALLENGE

Yes. 2/8 is the same amount as 1/4.

Accept equivalent wording that shows the parts must be equal. For the challenge, accept an explanation that 2 of 8 equal parts makes 1 of 4 equal groups.