

Equal Share Quest

Divide a total into equal groups.

GRADE 3 • TEKS 3.4.H

3.4.H "determine the number of objects in each group when a set of objects is partitioned into equal shares or a set of objects is shared equally;"

NAME _____

DATE _____

FIND EACH SHARE

When a total is shared into equal groups, divide the total number by the number of groups. The answer tells how many objects are in each group.

WORKED EXAMPLE

42 game tokens are shared equally among 6 players. How many tokens does each player get?

1. Start with 42 total tokens.
2. Divide by 6 players: $42 \div 6 = 7$.
3. Each player gets 7 tokens.

Answer: 7 tokens

PRACTICE 6 problems

- 1** 24 shells are shared equally among 3 jars.
How many shells are in each jar?

ANSWER _____

- 2** 32 tiles are divided into 4 equal groups.
How many tiles are in each group?

ANSWER _____

- 3** 45 crayons are shared equally among 5 tables. How many crayons are at each table?

ANSWER _____

- 4** 48 buttons are put into 3 equal bags. How many buttons are in each bag?

ANSWER _____

- 5** 64 photos are placed in 8 equal albums.
How many photos are in each album?

ANSWER _____

- 6** 72 seeds are planted in 9 equal pots. How many seeds are in each pot?

ANSWER _____

APPLY IT Show your work

- 1** A robotics club has 36 badge stickers. The club shares them equally among 4 teams. How many badge stickers does each team get?

WORK SPACE

ANSWER _____

- 2** At a book fair, 50 bookmarks are placed equally on 5 reading tables. How many bookmarks are on each table?

WORK SPACE

ANSWER _____

CHALLENGE One step up

96 trading cards are shared equally among 8 players. Mina writes $96 - 8 = 88$. Is Mina correct? Explain how to find the number of cards each player gets.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	24 shells are shared equally among 3 jars. How many shells are in each jar?	8
2	32 tiles are divided into 4 equal groups. How many tiles are in each group?	8
3	45 crayons are shared equally among 5 tables. How many crayons are at each table?	9
4	48 buttons are put into 3 equal bags. How many buttons are in each bag?	16
5	64 photos are placed in 8 equal albums. How many photos are in each album?	8
6	72 seeds are planted in 9 equal pots. How many seeds are in each pot?	8

PART 2 • APPLY IT

1. **9 stickers** Divide 36 by 4. Each team gets 9 stickers.
2. **10 bookmarks** Divide 50 by 5. Each table has 10 bookmarks.

CHALLENGE

No. Equal sharing uses division: $96 \div 8 = 12$, so each player gets 12 cards.

Accept a correct quotient with or without a unit word. For the challenge, accept explanations that show division or equal groups and state that Mina should not subtract.