

Math Mission Maps

Choose an operation that fits each real-life problem.

GRADE 3 • TEKS 3.1.A

3.1.A "apply mathematics to problems arising in everyday life, society, and the workplace;"

NAME _____

DATE _____

PLAN, SOLVE, CHECK

Read the problem and decide whether you need to add, subtract, make equal groups, or share equally. Solve carefully, then check whether your answer makes sense for the situation.

WORKED EXAMPLE

Lena has 27 stickers. She gets 15 more stickers. How many stickers does she have now?

1. Add the tens: $20 + 10 = 30$.
2. Add the ones: $7 + 5 = 12$.
3. Add the parts: $30 + 12 = 42$.

Answer: 42 stickers

PRACTICE 6 problems

- 1** A jar has 36 blue beads and 24 green beads. How many beads are in the jar?

ANSWER _____

- 2** There are 73 seats in a room. If 28 seats are filled, how many seats are empty?

ANSWER _____

- 3** Four teams have 8 players each. How many players are there altogether?

ANSWER _____

- 4** 54 pencils are shared equally among 6 tables. How many pencils does each table get?

ANSWER _____

- 5** A library had 63 bookmarks and gave away 19 bookmarks. How many bookmarks are left?

ANSWER _____

- 6** 72 trading cards are placed equally in 9 pages. How many cards are on each page?

ANSWER _____

APPLY IT Show your work

- 1** An animal shelter packs 16 snack bags each day for 4 days. How many snack bags does the shelter pack in all?

WORK SPACE

ANSWER _____

- 2** A school play has 75 tickets. Students sell 29 tickets. How many tickets are left to sell?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game room has 9 tables with 6 chairs at each table. If 17 chairs are occupied, how many chairs are empty?

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A jar has 36 blue beads and 24 green beads. How many beads are in the jar?	60 beads
2	There are 73 seats in a room. If 28 seats are filled, how many seats are empty?	45 seats
3	Four teams have 8 players each. How many players are there altogether?	32 players
4	54 pencils are shared equally among 6 tables. How many pencils does each table get?	9 pencils
5	A library had 63 bookmarks and gave away 19 bookmarks. How many bookmarks are left?	44 bookmarks
6	72 trading cards are placed equally in 9 pages. How many cards are on each page?	8 cards

PART 2 • APPLY IT

1. **64 snack bags** Multiply 16 by 4 because the shelter packs the same number of bags each day. $16 \times 4 = 64$.
2. **46 tickets** Subtract the tickets sold from the total number of tickets. $75 - 29 = 46$.

CHALLENGE

37 chairs

Accept correct equations and answers with or without unit labels when the number is correct. For the challenge, students may show $9 \times 6 = 54$ and $54 - 17 = 37$.