

Choose a Plan

Use operations to solve everyday problems.

GRADE 4 • TEKS 4.1.A

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

NAME _____

DATE _____

CHOOSE A PLAN

Read the question first so you know what you need to find. Decide whether to add, subtract, multiply, or divide, then check whether your answer makes sense for the situation.

WORKED EXAMPLE

The art room has 248 sheets of blue paper and 176 sheets of green paper. How many sheets of paper are there altogether?

1. Write the addition: $248 + 176$.
2. Add the ones: $8 + 6 = 14$. Write 4 and regroup 1 ten.
3. Add the tens: $4 + 7 + 1 = 12$. Write 2 and regroup 1 hundred.
4. Add the hundreds: $2 + 1 + 1 = 4$.

Answer: 424 sheets of paper

PRACTICE 6 problems

- 1** A museum had 864 visitors on Saturday and 329 visitors on Sunday. How many more visitors came on Saturday?

ANSWER _____

- 2** Six buses each carry 47 students. How many students are on the buses altogether?

ANSWER _____

- 3** A teacher shares 936 bookmarks equally among 8 classrooms. How many bookmarks does each classroom get?

ANSWER _____

- 4** A science museum sold 2,450 tickets on Monday and 1,375 tickets on Tuesday. How many tickets did it sell in all?

ANSWER _____

- 5** A bakery puts 24 cookies on each of 5 trays. It sells 18 cookies. How many cookies are left?

ANSWER _____

- 6** Nine teams each collect 35 bottles for recycling. How many bottles do the teams collect altogether?

ANSWER _____

APPLY IT Show your work

- 1** During a school food drive, 7 classes collect 36 cans each. The school gives 58 cans to a local pantry. How many cans are left?

WORK SPACE

ANSWER _____

- 2** At a gaming club tournament, a team earns 125 tickets in each of 4 rounds. The team uses 165 tickets for prizes. How many tickets remain?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A craft club has 360 beads. It uses 35 beads for each of 8 bracelets. The remaining beads are shared equally among 4 bags. How many beads go in each bag?

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A museum had 864 visitors on Saturday and 329 visitors on Sunday. How many more visitors came on Saturday?	535 visitors
2	Six buses each carry 47 students. How many students are on the buses altogether?	282 students
3	A teacher shares 936 bookmarks equally among 8 classrooms. How many bookmarks does each classroom get?	117 bookmarks
4	A science museum sold 2,450 tickets on Monday and 1,375 tickets on Tuesday. How many tickets did it sell in all?	3,825 tickets
5	A bakery puts 24 cookies on each of 5 trays. It sells 18 cookies. How many cookies are left?	102 cookies
6	Nine teams each collect 35 bottles for recycling. How many bottles do the teams collect altogether?	315 bottles

PART 2 • APPLY IT

1. **194 cans** Multiply 7 by 36 to find that the classes collected 252 cans. Subtract 58 from 252.
2. **335 tickets** Multiply 125 by 4 to find 500 tickets earned. Subtract 165 tickets used for prizes.

CHALLENGE**20 beads**

Accept correct answers with or without units when the number is correct. For the challenge, students may show $360 - (8 \times 35) = 80$, then $80 \div 4 = 20$.