

Fact Connection Fun

Use addition to solve subtraction stories.

GRADE 2 • TEKS 2.1.F

2.1.F "analyze mathematical relationships to connect and communicate mathematical ideas; and"

NAME _____

DATE _____

CONNECTED FACTS

Addition and subtraction are connected. When a subtraction story has a missing part, ask, "What number added to the part I know makes the whole?" Count on to find the missing part, then use addition to check.

WORKED EXAMPLE

Ava has 7 pears. She gives away 2 pears. How many pears are left? $7 - 2 = \underline{\quad}$

1. Look at the whole, 7, and the part, 2.
2. Ask: $2 + \underline{\quad} = 7$.
3. Count on from 2: 3, 4, 5, 6, 7.
4. Write $7 - 2 = 5$.

Answer: 5

PRACTICE 5 problems

- 1** 10 toy cars are on a shelf. 6 are green. The rest are yellow. How many are yellow? $10 - 6 = \underline{\quad}$

ANSWER _____

- 2** 9 buttons are in a jar. 8 are round. The rest are square. How many are square? $9 - 8 = \underline{\quad}$

ANSWER _____

- 3** 6 puppies are playing. 3 run to the yard. How many puppies are still by the porch? $6 - 3 = \underline{\quad}$

ANSWER _____

- 4** 4 red beads and 4 blue beads are in a box. How many beads are in the box? $4 + 4 = \underline{\quad}$

ANSWER _____

- 5** 1 kite is in the sky. 9 more kites fly up. How many kites are in the sky? $1 + 9 = \underline{\quad}$

ANSWER _____

APPLY IT Show your work

- 1** At a game booth, 11 prize tickets are on the table. 3 tickets are used. How many tickets are left?

WORK SPACE

ANSWER _____

- 2** Kai has 6 dinosaur cards. A friend gives Kai 4 more cards. How many dinosaur cards does Kai have now?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A pet store has 13 fish. 9 are goldfish, and the rest are guppies. How many guppies are there? Write an addition sentence that checks your answer.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	10 toy cars are on a shelf. 6 are green. The rest are yellow. How many are yellow? $10 - 6 = \underline{\quad}$	4
2	9 buttons are in a jar. 8 are round. The rest are square. How many are square? $9 - 8 = \underline{\quad}$	1
3	6 puppies are playing. 3 run to the yard. How many puppies are still by the porch? $6 - 3 = \underline{\quad}$	3
4	4 red beads and 4 blue beads are in a box. How many beads are in the box? $4 + 4 = \underline{\quad}$	8
5	1 kite is in the sky. 9 more kites fly up. How many kites are in the sky? $1 + 9 = \underline{\quad}$	10

PART 2 • APPLY IT

1. **8** Subtract the used tickets from the total: $11 - 3 = 8$.
2. **10** Add the cards Kai has and the cards received: $6 + 4 = 10$.

CHALLENGE**4 guppies; $9 + 4 = 13$**

Accept correct counting-on strategies or addition equations that show the missing part. For the challenge, accept 4 guppies with an equivalent correct check, such as $4 + 9 = 13$.