

Fact Family Fun

Use addition and subtraction facts to 20.

GRADE 2 • MA.2.NSO.2.1

MA.2.NSO.2.1 "Recall addition facts with sums to 20 and related subtraction facts with automaticity."

NAME _____

DATE _____

USE RELATED FACTS

Addition puts parts together to make a total. Subtraction takes a part from the total. You can check a subtraction fact by adding the answer and the part taken away.

WORKED EXAMPLE

A basket has 8 red balls and 6 blue balls. How many balls are in the basket?

1. Add the two parts: $8 + 6$.
2. Count on 6 from 8: 9, 10, 11, 12, 13, 14.
3. Write the total: $8 + 6 = 14$.

Answer: 14 balls

PRACTICE 5 problems

- 1** Mia has 9 toy cars. She gets 4 more toy cars. How many toy cars does she have now?

ANSWER _____

- 2** There are 12 puppies at the park. 3 puppies go home. How many puppies are still at the park?

ANSWER _____

- 3** A jar has 7 buttons. Put ____ more buttons in the jar to make 12 buttons.

ANSWER _____

- 4** A tank has 16 fish. 7 fish swim behind a rock. How many fish can you still see?

ANSWER _____

- 5** A pet shop has ____ kittens. Then 5 kittens arrive. Now there are 18 kittens.

ANSWER _____

APPLY IT Show your work

- 1** Jalen has 11 grapes for a snack. He eats 4 grapes. How many grapes does Jalen have left?

WORK SPACE

ANSWER _____

- 2** Priya finds 5 shells at the beach. Then she finds 13 more shells. How many shells does she find in all?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A toy box has 20 blocks. Some blocks are taken out. There are 11 blocks left. How many blocks were taken out? Write an addition fact that checks your answer.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Mia has 9 toy cars. She gets 4 more toy cars. How many toy cars does she have now?	13 toy cars
2	There are 12 puppies at the park. 3 puppies go home. How many puppies are still at the park?	9 puppies
3	A jar has 7 buttons. Put ____ more buttons in the jar to make 12 buttons.	5 buttons
4	A tank has 16 fish. 7 fish swim behind a rock. How many fish can you still see?	9 fish
5	A pet shop has ____ kittens. Then 5 kittens arrive. Now there are 18 kittens.	13 kittens

PART 2 • APPLY IT

1. **7 grapes** Subtract the grapes eaten from the grapes Jalen had. $11 - 4 = 7$.
2. **18 shells** Add the shells from both groups. $5 + 13 = 18$.

CHALLENGE

9 blocks were taken out. Check: $11 + 9 = 20$.

Accept correct addition or subtraction equations that match each story. For blank problems, accept the number with or without the object name.