LESSON MAKER PRO

Fast Fact Fun

Use quick math facts within 20.

GRADE 2 · 2.OA.B.2

CCSS.Math.Content.2.OA.B.2 "Fluently add and subtract within 20 using mental strategies. 2 By end of Grade 2, know from memory all sums of two one-digit numbers."

NAME _____ DATE _____

MAKE A TEN

Use facts you know to find facts you do not know. When you add, make 10 when it helps. When you subtract, count up from the smaller number to the larger number.

WORKED EXAMPLE

A toy box has 8 cars. Put 3 more cars in the box. How many cars are in the box?

1. Start with 8 cars.
2. Use 2 of the 3 cars to make 10.
3. Add 1 more car: 10 + 1 = 11.

Answer: 11 cars

PRACTICE 5 problems

1 Mia has 6 toy cars. She gets 7 more toy cars. How many toy cars does Mia have now?

ANSWER _____

2 Leo has 15 grapes. He eats 6 grapes. How many grapes are left?

ANSWER _____

3 Ava finds 7 shells. Then she finds 5 more shells. How many shells does Ava find?

ANSWER _____

4 Ben has 14 stickers. He gives 5 stickers away. How many stickers does Ben have left?

ANSWER _____

5 Noah has 9 toy robots. He wants 14 toy robots. How many more toy robots does he need?

ANSWER _____

APPLY IT Show your work

1 Jada has 12 trading cards. Her friend gives her 7 more cards. How many cards does Jada have now?

WORK SPACE

ANSWER _____

2 At a pet shop, 17 puppy treats are in a jar. A puppy eats 5 treats. How many treats are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A pet cage has 9 hamsters. Another pet cage has 9 hamsters. How many hamsters are there? Explain how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Fast Fact Fun

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Mia has 6 toy cars. She gets 7 more toy cars. How many toy cars does Mia have now?	**13 toy cars**
2	Leo has 15 grapes. He eats 6 grapes. How many grapes are left?	**9 grapes**
3	Ava finds 7 shells. Then she finds 5 more shells. How many shells does Ava find?	**12 shells**
4	Ben has 14 stickers. He gives 5 stickers away. How many stickers does Ben have left?	**9 stickers**
5	Noah has 9 toy robots. He wants 14 toy robots. How many more toy robots does he need?	**5 toy robots**

PART 2 · APPLY IT

1. **19 trading cards** Add 12 and 7. Jada has 19 trading cards.
2. **12 treats** Subtract 5 from 17. There are 12 treats left.

CHALLENGE

18 hamsters. Sample answer: I know 9 + 9 = 18 because 9 + 1 makes 10, and 8 are left.

Accept answers written as numerals or number words when the quantity is correct. For the challenge, accept a correct total with a clear doubles fact or make-a-ten explanation.