

Make Ten Moves

Add and subtract within 20 in your head.

GRADE 2 • NY-2.OA.2.a

NY-2.OA.2.a "Fluently add and subtract within 20 using mental strategies. Strategies could include: counting on, making ten, decomposing a number leading to a ten, using the relationship between addition and subtraction..."

NAME _____

DATE _____

MAKE A FRIENDLY TEN

When you add, break apart a number to make 10 first. Then add the part that is left. When you subtract, you can count back or count up to find the difference.

WORKED EXAMPLE

Sam has 8 toy cars. He gets 5 more toy cars. How many toy cars does Sam have now?

1. Start with 8. It needs 2 to make 10.
2. Split 5 into 2 and 3.
3. $8 + 2 = 10$.
4. $10 + 3 = 13$.

Answer: 13 toy cars

PRACTICE 5 problems

- 1** Ava has 7 purple stickers and 4 green stickers. How many stickers does she have? $7 + 4 = \underline{\quad}$

ANSWER _____

- 2** Noah has 16 grapes. He eats 7 grapes. How many grapes are left? $16 - 7 = \underline{\quad}$

ANSWER _____

- 3** Kai has 14 blocks. He wants 20 blocks for a tower. How many more blocks does he need? $14 + \underline{\quad} = 20$

ANSWER _____

- 4** Lila has 17 crayons. She gives 6 crayons to a friend. How many crayons does Lila have left? $17 - 6 = \underline{\quad}$

ANSWER _____

- 5** Zoe has 12 trading cards. Her friend gives her 4 more cards. How many cards does Zoe have now? $12 + 4 = \underline{\quad}$

ANSWER _____

APPLY IT Show your work

- 1** Mia has 9 shells. She finds 7 more shells at the beach. How many shells does Mia have now?

WORK SPACE

ANSWER _____

- 2** Eli has 18 soccer cards. He gives 4 cards to his cousin. How many soccer cards does Eli have left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Rosa has 19 beads. She gives 7 beads to her friend. How many beads does Rosa have left? Write the equation and explain how you solved it.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Ava has 7 purple stickers and 4 green stickers. How many stickers does she have? $7 + 4 = \underline{\quad}$	11
2	Noah has 16 grapes. He eats 7 grapes. How many grapes are left? $16 - 7 = \underline{\quad}$	9
3	Kai has 14 blocks. He wants 20 blocks for a tower. How many more blocks does he need? $14 + \underline{\quad} = 20$	6
4	Lila has 17 crayons. She gives 6 crayons to a friend. How many crayons does Lila have left? $17 - 6 = \underline{\quad}$	11
5	Zoe has 12 trading cards. Her friend gives her 4 more cards. How many cards does Zoe have now? $12 + 4 = \underline{\quad}$	16

PART 2 • APPLY IT

1. **16 shells** Add 9 and 7. Making 10 first gives 16.
2. **14 soccer cards** Subtract 4 from 18. Eli has 14 cards left.

CHALLENGE

$19 - 7 = 12$. I counted back 7 from 19.

Accept correct equations with the correct total or difference. For the challenge, accept any clear mental strategy that shows Rosa has 12 beads left.