

Add Up in Chunks

Part A • Break Apart and Add

AR-U1-WS6

I can add within 20 by breaking a number into helpful chunks.

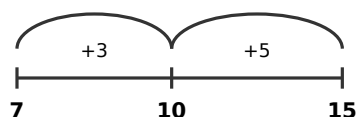
Name: _____

Date: _____

Period: _____

Step 1: See How Chunks Work

Example: $7 + 8$



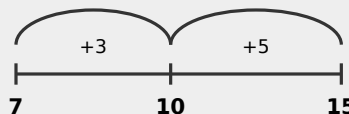
1. Break 8 into 3 and 5.

2. Add the first chunk: $7 + 3 = 10$.

3. Add the chunk left over: $10 + 5 = 15$.

Step 2: Complete Each Chunk Path

1. $7 + 8$

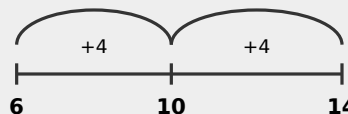


Break apart: $3 + 5$

Reach 10: $7 + 3 = \underline{\quad}$

$10 + 5 = \underline{\quad}$

2. $6 + 8$



Break apart: $4 + 4$

Reach 10: $6 + 4 = \underline{\quad}$

$10 + 4 = \underline{\quad}$

3. $9 + 7$

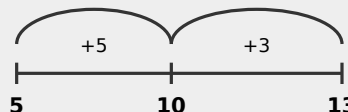


Break apart: $1 + 6$

Reach 10: $9 + 1 = \underline{\quad}$

$10 + 6 = \underline{\quad}$

4. $5 + 8$



Break apart: $5 + 3$

Reach 10: $5 + 5 = \underline{\quad}$

$10 + 3 = \underline{\quad}$

5. Which chunk path correctly solves $8 + 9$?

A. $8 + 2 + 7 = 17$

B. $8 + 1 + 8 = 17$

C. $8 + 9 + 2 = 19$

Circle the path that reaches 10 first. The answer is ____.

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Part A • Use Chunks in Real Life

AR-U1-WS6

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Step 3: Solve Useful Problems

6. Game Score

You have 6 points and score 9 more.

Break 9 into 4 and 5.

First chunk: $6 + 4 = \underline{\quad}$

Second chunk: $10 + 5 = \underline{\quad}$ points

7. Shopping

A notebook costs \$9 and a folder costs \$6.

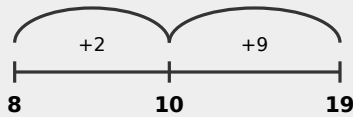
Break \$6 into \$1 and \$5.

First chunk: $\$9 + \$1 = \$\underline{\quad}$

Second chunk: $\$10 + \$5 = \$\underline{\quad}$

8. Number-Line Jumps

Solve $8 + 11$. Break 11 into 2 and 9.



$$8 + 2 + 9 = \underline{\quad}$$

Step 4: Choose and Fix

9. Which path solves $7 + 9$?

- A. $7 + 3 + 6 = 16$
- B. $7 + 2 + 7 = 16$
- C. $7 + 9 + 3 = 19$

10. Fix Eli's mistake.

For $6 + 8$, Eli adds the first chunk:

$6 + 4 = 10$. Then he stops.

Chunk left: $\underline{\quad}$

Correct total: $\underline{\quad}$

TEACHER CHECKPOINT

Your teacher will tell you whether to stop here or continue to Part B.

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Part B • Apply, Analyze, and Explain

AR-U1-WS6

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Step 5: Match and Check

11. Match each problem to its chunk path.

A. $6 + 8$ ___ $9 + 1 + 8 = 18$

B. $8 + 9$ ___ $6 + 4 + 4 = 14$

C. $9 + 9$ ___ $8 + 2 + 7 = 17$

12. Did Ava use chunks correctly?

For $8 + 8$, she breaks 8 into 2 and 6.

She adds: $8 + 2 = 10$.

Then she adds: $10 + 6 = 16$.

Circle: **YES** **NO**

Step 6: Draw and Complete

13. Draw two jumps for $7 + 10$.

First jump to 10. Then add the chunk left.



$7 + 3 + 7 =$ ___

14. Complete $4 + 9$.

Break 9 into 6 and ___.

$4 + 6 =$ ___.

$10 +$ ___ $=$ ___

Step 7: Use Chunks in Context

15. Bowling Score

You score 8 points, then 9 more points.

Break 9 into 2 and 7.

$8 + 2 =$ ___

$10 + 7 =$ ___ points

The chunks were ___ and ___.

16. Football Yardage

A team gains 9 yards, then 11 more yards.

Break 11 into 1 and 10.

$9 + 1 =$ ___

$10 + 10 =$ ___ yards

Total gain: ___ yards