

Adjust One Number

Part A - Build and Use the Strategy

AR-U1-WS11

I can adjust one number to a nearby ten, solve, and then correct the change.

Name: _____

Date: _____

Period: _____

Step 1: See Why We Adjust

GAME SCOREBOARD

HOME	VISITOR
39	24

Example: $39 + 24$

Change 39 to 40. You added 1.

$40 + 24 = 64$

Remove the extra 1: $64 - 1 = 63$

Answer: 63

Step 2: Make a Nearby Ten

1. Solve $58 + 27$.

1. Change 58 to 60 (+2)

2. Solve $60 + 27 =$ _____

3. Correct the extra 2: _____

2. Solve $47 + 36$.

1. Change 47 to 50 (+3)

2. Solve $50 + 36 =$ _____

3. Correct the extra 3: _____

BASKETBALL SCOREBOARD

HOME	VISITOR
46	38

3. Add both teams' scores.

Change 38 to 40. Then remove the extra 2.

Total points: _____

4. Best nearby ten for $67 + 18$?

Circle: 60 70 80

5. Complete the path.

$49 + 32$

$50 + 32 =$ _____

Remove the extra 1.

Answer: _____

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Step 3: Use the Strategy in Real Life

BASKETBALL SCOREBOARD

HOME	VISITOR
71	19

6. Combined score: _____



Video Game
\$29



Controller
\$54

7. Checkout total: \$ _____

Step 4: Decide if the Adjustment Works

8. TRUE OR FALSE?

$46 + 38 = 46 + 40 - 2$

Circle: True False

9. FIX THE MISTAKE

$36 + 59$

$36 + 60 = 96$

The student stops at 96.

Correct answer: _____

10. Solve $67 + 18$ by adjusting 67 to 70.

$70 + 18 =$ _____

You added 3, so subtract _____.

Final answer: _____

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

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Step 5: Apply the Strategy

11. Solve $28 + 65$.

Change 28 to 30.

$$30 + 65 = \underline{\hspace{2cm}}$$

Remove the extra $\underline{\hspace{1cm}}$. **Answer:** $\underline{\hspace{2cm}}$

12. Best plan for $63 + 29$?

A. $63 + 30 - 1$

B. $63 + 20 - 9$

Circle A or B.

FOOTBALL SCOREBOARD

HOME

36

VISITOR

59

13. Add both scores.

Change 59 to 60, then correct.

Total: $\underline{\hspace{2cm}}$

Step 6: Complete the Adjustment Path

14. Solve $48 + 37$.

$$50 + 37 = \underline{\hspace{2cm}}$$

You added 2, so subtract $\underline{\hspace{1cm}}$. **Answer:** $\underline{\hspace{2cm}}$

Step 7: Fix and Explain

15. FIX THE MISTAKE

For $78 + 15$, a student changes

78 to 80, but subtracts only 1.

How much should be subtracted? $\underline{\hspace{1cm}}$

Correct total: $\underline{\hspace{2cm}}$

16. Solve and explain $49 + 44$.

Easy problem: $\underline{\hspace{1cm}} + 44$

Easy total: $\underline{\hspace{2cm}}$

Correction: subtract $\underline{\hspace{1cm}}$

Answer: $\underline{\hspace{2cm}}$