

WORKSHEET 1: SUBTRACTION - FINDING THE MISSING START (MINUEND) **Name: _____

_____ Date: _____ **

****Strategy:**** When you see $\square - a = b$, use inverse operations (ADD): $\square = a + b$

****Example:**** $\square - 375 = 158 \rightarrow \text{Answer: } 375 + 158 = 533$

1. $\square - 375 = 158$ | Answer: _____

2. $\square - 245 = 367$ | Answer: _____

3. $\square - 89 = 156$ | Answer: _____

4. $\square - 234 = 198$ | Answer: _____

5. $\square - 567 = 289$ | Answer: _____

6. $\square - 145 = 275$ | Answer: _____

7. $\square - 98 = 142$ | Answer: _____

8. $\square - 456 = 234$ | Answer: _____

9. $\square - 312 = 188$ | Answer: _____

10. $\square - 267 = 333$ | Answer: _____

WORKSHEET 2: ADDITION - FINDING THE MISSING ADDEND

Name: _____ Date: _____

****Strategy:**** When you see $a + \square = b$, use inverse operations (SUBTRACT): $\square = b - a$

****Example:**** $27 + \square = 63 \rightarrow \text{Answer: } 63 - 27 = 36$ OR count on from 27 to 63

1. $27 + \square = 63$ | Answer: _____

2. $145 + \square = 289$ | Answer: _____

3. $56 + \square = 142$ | Answer: _____

4. $234 + \square = 567$ | Answer: _____

5. $78 + \square = 195$ | Answer: _____

6. $389 + \square = 645$ | Answer: _____

7. $123 + \square = 456$ | Answer: _____

8. $267 + \square = 500$ | Answer: _____

9. $98 + \square = 324$ | Answer: _____

10. $412 + \square = 789$ | Answer: _____

Worksheet 3: MIXED PROBLEMS - CHOOSE YOUR STRATEGY

Name: _____ Date: _____

Three Strategies Available:**

- Inverse Operations (use opposite operation)
- Counting On/Back (use fingers or number line)
- Bar Models (draw to visualize)

1. $45 + \square = 89$ | Answer: _____

2. $\square - 156 = 244$ | Answer: _____

3. $67 + \square = 123$ | Answer: _____

4. $\square - 89 = 111$ | Answer: _____

5. $234 + \square = 345$ | Answer: _____

6. $\square - 278 = 222$ | Answer: _____

7. $156 + \square = 289$ | Answer: _____

8. $\square - 145 = 355$ | Answer: _____

9. $78 + \square = 201$ | Answer: _____

10. $\square - 234 = 266$ | Answer: _____

WORKSHEET 4: REAL-WORLD MONEY PROBLEMS

Name: _____ Date: _____

****Key Concept:**** Start amount – spent = left over

****To find start:**** Reverse it! Start = spent + left over

1. I spent \$125 and have \$87 left. How much did I start with? | Answer: \$ _____

2. My mum gave me \$50. Now I have \$143. How much did I have before? | Answer:
\$ _____

3. I spent \$234 and have \$166 left. How much at the start? | Answer: \$ _____

4. Dad gave me \$75. Now I have \$289. How much before? | Answer: \$ _____

5. I spent \$67 on lunch and have \$145 left. Starting amount? | Answer: \$ _____

6. After spending \$189, I have \$311 left. Starting amount? | Answer: \$ _____

7. I received a \$120 bonus and now have \$456. Before bonus? | Answer:
\$ _____

8. My savings decreased by \$245. I now have \$155. How much before? | Answer:
\$ _____

9. I bought a gift for \$78 and have \$167 left. Starting amount? | Answer:
\$ _____

10. My allowance increased by \$15 to \$85. Original allowance? | Answer:
\$ _____

WORKSHEET 5: BAR MODELS - DRAW & SOLVE

Name: _____ Date: _____

****How to Use Bar Models:**** Draw rectangles to show the total and parts.

1. Draw a bar showing: Total ($\square$) = $375 + 158$ | Answer: _____
2. Draw bars: $27 + \square = 63$. Find the missing part. | Answer: _____
3. Total of 500. Part 1 is 245. Find Part 2. | Answer: _____
4. Total is \$400. Spent \$156. Money left? | Answer: \$_____
5. Two parts add to 789: one is 312. Other part? | Answer: _____
6. Bar of 600 split: $267 + \square$. Missing amount? | Answer: _____
7. Start with $\square$, subtract 189, left with 311. Starting amount? | Answer: _____
8. Total of 456 into 145 and $\square$. Missing part? | Answer: _____
9. Bar of 1000: sections are 423 and $\square$. Missing section? | Answer: _____
10. Start unknown, take 278, have 222 left. Starting amount? | Answer: _____

WORKSHEET 6: CHALLENGE WORD PROBLEMS

Name: _____ Date: _____

****Objective:**** Advanced mixed problems using all strategies learned.

1. $\square - 345 = 455$ | Answer: _____

2. $289 + \square = 567$ | Answer: _____

3. $\square - 234 = 266$ | Answer: _____

4. $156 + \square = 445$ | Answer: _____

5. $\square - 567 = 233$ | Answer: _____

6. A number plus 234 equals 678. What's the number? | Answer: _____

7. A number minus 156 equals 344. What's the number? | Answer: _____

8. $367 + \square = 900$ | Answer: _____

9. $\square - 289 = 211$ | Answer: _____

10. Start with unknown, subtract 445, have 555. Find starting amount. | Equation: $\square - 445 = 555$ | Answer: _____