

# Arrow Chains

## Practice — ANSWER KEY

Longer chains — track every step.

**Think:** Work left to right. Each arrow shows what happened to the number before it.

1. Fill each arrow with the operation ( + or - ) that makes the chain work.

|    |    |           |    |           |    |           |    |           |    |
|----|----|-----------|----|-----------|----|-----------|----|-----------|----|
| 1) | 7  | + 4<br>→  | 11 | + 7<br>→  | 18 | + 40<br>→ | 58 | - 36<br>→ | 22 |
| 2) | 40 | - 12<br>→ | 28 | - 16<br>→ | 12 | + 17<br>→ | 29 | - 4<br>→  | 25 |
| 3) | 27 | - 6<br>→  | 21 | + 36<br>→ | 57 | + 38<br>→ | 95 | - 31<br>→ | 64 |
| 4) | 26 | - 8<br>→  | 18 | - 16<br>→ | 2  | + 43<br>→ | 45 | + 36<br>→ | 81 |
| 5) | 6  | + 26<br>→ | 32 | - 8<br>→  | 24 | + 47<br>→ | 71 | + 9<br>→  | 80 |
| 6) | 21 | - 4<br>→  | 17 | + 3<br>→  | 20 | + 5<br>→  | 25 | - 19<br>→ | 6  |
| 7) | 51 | + 18<br>→ | 69 | - 4<br>→  | 65 | - 39<br>→ | 26 | + 2<br>→  | 28 |
| 8) | 8  | - 8<br>→  | 0  | + 30<br>→ | 30 | + 17<br>→ | 47 | + 29<br>→ | 76 |
| 9) | 14 | - 12<br>→ | 2  | + 35<br>→ | 37 | + 36<br>→ | 73 | + 12<br>→ | 85 |