



Number Chains

Chain 1: Quick Fire

Start with 5.
Add 20.
Multiply by 3.
Double it.
Double it.
Subtract 12.
Multiply by 2.
Add 16.
Find half of that.
What is the final number?

Chain 2: Brain Sprint

Start with 14.
Double it.
Subtract 12.
Subtract 5.
Add 8.
Multiply by 2.
Find half of that.
Multiply by 4.
Find half of that.
What is the final number?

Chain 3: Warm-Up Run

Start with 47.
Multiply by 2.
Subtract 9.
Double it.
Add 4.
Multiply by 3.
Double it.
Double it.
Divide by 4.
What is the final number?



Number Chains

Chain 4: Number Sprint

Start with 36.

Subtract 9.

Add 5.

Divide by 2.

Subtract 14.

Double it.

Add 15.

Multiply by 3.

Divide by 3.

What is the final number?

Chain 5: Focus Drill

Start with 49.

Multiply by 2.

Find half of that.

Subtract 16.

Multiply by 4.

Find half of that.

Multiply by 3.

Find half of that.

Multiply by 3.

What is the final number?

Chain 6: Rapid Chain

Start with 19.

Subtract 3.

Add 19.

Add 14.

Multiply by 4.

Subtract 20.

Find half of that.

Multiply by 3.

Multiply by 2.

What is the final number?



Number Chains

Chain 7: Speed Round

Start with 50.

Find half of that.

Add 10.

Subtract 17.

Find half of that.

Divide by 3.

Multiply by 4.

Double it.

Subtract 13.

What is the final number?

Chain 8: Mind Workout

Start with 41.

Double it.

Find half of that.

Subtract 7.

Double it.

Double it.

Subtract 3.

Subtract 3.

Add 18.

What is the final number?

Chain 9: Fast Track

Start with 50.

Add 6.

Double it.

Double it.

Multiply by 3.

Double it.

Multiply by 4.

Multiply by 3.

Multiply by 3.

What is the final number?

Number Chain Puzzle

MEDIUM * 8 steps

Worksheet 1

Verify answers



Number Chains

Chain 10: Mental Sprint

Start with 30.

Subtract 12.

Multiply by 2.

Subtract 17.

Multiply by 4.

Double it.

Double it.

Divide by 2.

Double it.

What is the final number?

Number Chain Puzzle

MEDIUM * 8 steps

Worksheet 1 Answer Key

Verify answers



Number Chains - Answers

1. 296
2. 38
3. 522
4. 19
5. 297
6. 528
7. 11
8. 148
9. 48384
10. 304