

NUMBER



RIDDLES



What's my number?

Read each clue and follow the math to find the answer.

Hint: try reading the clue backward.

ANSWERS

1. Add 9 to me. Then multiply by 3. If you subtract 16 and then add 7, you get 27. What number am I?

work backward: $27 - 7 + 16 \div 3 - 9 = 3$

2. Add 5 to me. Then divide by 7. If you add 12 and then subtract 7, you get 10. What number am I?

work backward: $10 + 7 - 12 \times 7 - 5 = 30$

3. Multiply me by 4. Then subtract 13. If you divide me by 3 and add 17, you get 22. What number am I?

work backward: $22 - 17 \times 3 + 13 \div 4 = 7$

4. Subtract 6 from me. Then multiply by 2. If you subtract 40 and then divide by 4, you get 8. What number am I?

work backward: $8 \times 4 + 40 \div 2 + 6 = 42$