

I'm Thinking of a Number

Challenge Cards



I'm Thinking of a Number



1.

I start with a number.

I multiply it by 7.

I add 5.

I end with the number 54.

What number did I start with?

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2.

I start with a number.

I multiply it by 8.

I add 6.

I end with the number 86.

What number did I start with?

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3.

I start with a number.

I multiply it by 6.

I add 9.

I end with the number 57.

What number did I start with?

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4.

I start with a number.

I multiply it by 9.

I subtract 8.

I end with the number 100.

What number did I start with?

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5.

I start with a number.

I divide it by 6.

I subtract 4.

I end with the number 7.

What number did I start with?

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6.

I start with a number.

I divide it by 5.

I subtract 10.

I end with the number 20.

What number did I start with?

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7.

I start with a number.

I divide it by 4.

I add 15.

I end with the number 45.

What number did I start with?

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8.

I start with a number.

I divide it by 11.

I add 18.

I end with the number 25.

What number did I start with?

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9.

I start with a number.

I subtract 20.

I multiply it by 10.

I end with the number 300.

What number did I start with?

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10.

I start with a number.

I subtract 35.

I multiply it by 3.

I end with the number 135.

What number did I start with?

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11.

I start with a number.

I add 45.

I divide it by 10.

I end with the number 13.

What number did I start with?

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I'm Thinking of a Number Answers

1. I start with a number.
I multiply it by 7.
I add 5.
I end with the number 54.
What number did I start with? **7**
2. I start with a number.
I multiply it by 8.
I add 6.
I end with the number 86.
What number did I start with? **10**
3. I start with a number.
I multiply it by 6.
I add 9.
I end with the number 57.
What number did I start with? **8**
4. I start with a number.
I multiply it by 9.
I subtract 8.
I end with the number 100.
What number did I start with? **12**
5. I start with a number.
I divide it by 6.
I subtract 4.
I end with the number 7.
What number did I start with? **66**
6. I start with a number.
I divide it by 5.
I subtract 10.
I end with the number 20.
What number did I start with? **150**
7. I start with a number.
I divide it by 4.
I add 15.
I end with the number 45.
What number did I start with? **120**
8. I start with a number.
I divide it by 11.
I add 18.
I end with the number 25.
What number did I start with? **77**
9. I start with a number.
I subtract 20.
I multiply it by 10.
I end with the number 300.
What number did I start with? **50**
10. I start with a number.
I subtract 35.
I multiply it by 3.
I end with the number 135.
What number did I start with? **80**
11. I start with a number.
I add 45.
I divide it by 10.
I end with the number 13.
What number did I start with? **85**