

I'm Thinking of a Number

Challenge Cards



twinkl



I'm Thinking of a Number



1.

I start with a number.

I multiply it by 7.

I add 5.

I multiply it by 5.

I subtract 6.

I end with the number 369.

What number did I start with?

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2.

I start with a number.

I multiply it by 8.

I add 4.

I multiply it by 5.

I subtract 9.

I end with the number 211.

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 multiply it by 10.

I subtract 15.

I end with the number 495.

What number did I start with?

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4.

I start with a number.

I multiply it by 9.

I subtract 6.

I divide it by 5.

I add 25.

I end with the number 40.

What number did I start with?

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5.

I start with a number.

I divide it by 3.

I add 5.

I multiply it by 9.

I subtract 32.

I end with the number 94.

What number did I start with?

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6.

I start with a number.

I divide it by 5.

I add 10.

I multiply it by 5.

I subtract 15.

I end with the number 135.

What number did I start with?

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7.

I start with a number.

I divide it by 2.

I subtract 10.

I multiply it by 8.

I add 51.

I end with the number 355.

What number did I start with?

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8.

I start with a number.

I divide it by 10.

I add 28.

I multiply it by 4.

I subtract 10.

I end with the number 430.

What number did I start with?

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9.

I start with a number.

I subtract 20.

I multiply it by 4.

I divide it by 10.

I add 120.

I end with the number 138.

What number did I start with?

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10.

I start with a number.

I subtract 30.

I multiply it by 3.

I divide it by 6.

I add 150.

I end with the number 205.

What number did I start with?

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11.

I start with a number.

I add 26.

I divide it by 2.

I multiply it by 5.

I subtract 30.

I end with the number 660.

What number did I start with?

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