Reasoning – What was the Starting Number?

Emma chooses a number less than 100

She divides it by 3 and then subtracts 1

She then multiples this result by 8 and adds 11

Her answer is 75

What was the number she started with?

Show your method

Sammy chooses a number less than 100

She multiples it by 5 and then subtracts 13

She then adds 9 and divides the result by 8

Her answer is 7

What was the number she started with?

Show your method

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Reasoning – What was the Starting Number?

Emma chooses a number less than 100

She divides it by 3 and then subtracts 1

She then multiples this result by 8 and adds 11

Her answer is 75

What was the number she started with?

Show your method

27

Sammy chooses a number less than 100

She multiples it by 5 and then subtracts 13

She then adds 9 and divides the result by 8

Her answer is 7

What was the number she started with?

Show your method

12

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Reasoning – What was the Starting Number?

James chooses a number less than 100

He adds 4 and then subtracts 3

He then multiples this result by 3 and then divides by 9

His answer is 8

What was the number he started with?

Show your method

Jayne chooses a number less than 100

She subtracts 41 from the number and then doubles the number

She then divides the answer by 9 and then adds 49

Her answer is 59

What was the number she started with?

Show your method

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Reasoning – What was the Starting Number?

James chooses a number less than 100

He adds 4 and then subtracts 3

He then multiples this result by 3 and then divides by 9

His answer is 8

What was the number he started with?

Show your method

23

Jayne chooses a number less than 100

She subtracts 41 from the number and then doubles the number

She then divides the answer by 9 and then adds 49

Her answer is 59

What was the number she started with?

Show your method

86

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Reasoning – What was the Starting Number?

Aimee chooses a number less than 100

She divides by 12 and then adds 29

She then subtracts 11 and then multiplies by 3

Her answer is 78

What was the number she started with?

Show your method

Michael chooses a number less than 100

He multiplies the number by 5 and then adds 11

He then divides the result by 3 and then subtract 18

Hi answer is 9

What was the number he started with?

Show your method

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Reasoning – What was the Starting Number?

Aimee chooses a number less than 100

She divides by 12 and then adds 29

She then subtracts 11 and then multiplies by 3

Her answer is 78

What was the number she started with?

Show your method

96

Michael chooses a number less than 100

He multiplies the number by 5 and then adds 11

He then divides the result by 3 and then subtract 18

Hi answer is 9

What was the number he started with?

Show your method

14

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Reasoning – What was the Starting Number?

Hannah chooses a number less than 100

She adds 4 and then multiples the number by 5

She then subtracts 17 and then divides the result by 7

Her answer is 9

What was the number she started with?

Show your method

Romana chooses a number less than 100

She subtracts 14 and then divides the number by 5

She then multiplies the result by 4 and then adds 23

Her answer is 87

What was the number she started with?

Show your method

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Reasoning – What was the Starting Number?

Hannah chooses a number less than 100

She adds 4 and then multiples the number by 5

She then subtracts 17 and then divides the result by 7

Her answer is 9

What was the number she started with?

Show your method

12

Romana chooses a number less than 100

She subtracts 14 and then divides the number by 5

She then multiplies the result by 4 and then adds 23

Her answer is 87

What was the number she started with?

Show your method

94

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