

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 25

subtract 8

multiply by 2

divide by 2

add 9

- 1** Start at **3**. Make a multiplication pattern.

3 → → → →

My rule: _____

- 2** Start at **90**. Make a pattern that subtracts the same number each time.

90 → → → →

My rule: _____

- 3** Start at **80**. Make a division pattern.

80 → → → →

My rule: _____

- 4** Your choice! Pick any start number and any rule.

→ → → →

My rule: _____

? Mystery Pattern Challenge

Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?

→ → → →

Made by: _____ Solved by: _____ The rule was: _____

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 7

subtract 10

multiply by 2

add 50

subtract 6

- 1** Start at **7**. Make a pattern that adds the same number each time.

7 → → → →

My rule: _____

- 2** Start at **100**. Make a pattern that goes down by the same number each time.

100 → → → →

My rule: _____

- 3** Start at **2**. Make a multiplication pattern.

2 → → → →

My rule: _____

- 4** Your choice! Pick any start number and any rule.

→ → → →

My rule: _____

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Rule ideas:

add 25

divide by 2

subtract 8

add 100

multiply by 2

- 1** Start at **25**. Make a pattern that adds the same number each time.

25

→

→

→

→

My rule: _____

- 2** Start at **160**. Make a division pattern.

160

→

→

→

→

My rule: _____

- 3** Start at **64**. Make a pattern that goes down by the same number each time.

64

→

→

→

→

My rule: _____

- 4** Your choice! Pick any start number and any rule.

→

→

→

→

My rule: _____

? Mystery Pattern Challenge

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→

→

→

→

Made by: _____ Solved by: _____ The rule was: _____

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 5

subtract 20

multiply by 2

add 11

subtract 11

- 1** Start at **5**. Make a pattern that adds the same number each time.

5 → → → →

My rule: _____

- 2** Start at **200**. Make a pattern that goes down by the same number each time.

200 → → → →

My rule: _____

- 3** Start at **1**. Make a multiplication pattern.

1 → → → →

My rule: _____

- 4** Your choice! Pick any start number and any rule.

→ → → →

My rule: _____

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Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?

→ → → →

Made by: _____

Solved by: _____

The rule was: _____

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Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 25

subtract 8

multiply by 2

divide by 2

add 9

- 1 Start at **3**. Make a multiplication pattern.



My rule: _____

- 2 Start at **90**. Make a pattern that subtracts the same number each time.



My rule: _____

- 3 Start at **80**. Make a division pattern.



My rule: _____

- 4 Your choice! Pick any start number and any rule.



My rule: _____

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Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?



Made by: _____ Solved by: _____ The rule was: _____

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 7

subtract 10

multiply by 2

add 50

subtract 6

- 1 Start at **7**. Make a pattern that adds the same number each time.

7 → → → →

My rule: _____

- 2 Start at **100**. Make a pattern that goes down by the same number each time.

100 → → → →

My rule: _____

- 3 Start at **2**. Make a multiplication pattern.

2 → → → →

My rule: _____

- 4 Your choice! Pick any start number and any rule.

→ → → →

My rule: _____

? Mystery Pattern Challenge

Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?

→ → → →

Made by: _____ Solved by: _____ The rule was: _____

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 25

divide by 2

subtract 8

add 100

multiply by 2

- 1 Start at **25**. Make a pattern that adds the same number each time.

25 → → → →

My rule: _____

- 2 Start at **160**. Make a division pattern.

160 → → → →

My rule: _____

- 3 Start at **64**. Make a pattern that goes down by the same number each time.

64 → → → →

My rule: _____

- 4 Your choice! Pick any start number and any rule.

→ → → →

My rule: _____

? Mystery Pattern Challenge

Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?

→ → → →

Made by: _____ Solved by: _____ The rule was: _____

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 5

subtract 20

multiply by 2

add 11

subtract 11

- 1 Start at **5**. Make a pattern that adds the same number each time.



My rule: _____

- 2 Start at **200**. Make a pattern that goes down by the same number each time.



My rule: _____

- 3 Start at **1**. Make a multiplication pattern.



My rule: _____

- 4 Your choice! Pick any start number and any rule.



My rule: _____

? Mystery Pattern Challenge

Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?



Made by: _____

Solved by: _____

The rule was: _____

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 25

subtract 8

multiply by 2

divide by 2

add 9

- 1 Start at **3**. Make a multiplication pattern.



My rule: Multiply by 2

- 2 Start at **90**. Make a pattern that subtracts the same number each time.



My rule: Subtract 9

- 3 Start at **80**. Make a division pattern.



My rule: Divide by 2

- 4 Your choice! Pick any start number and any rule.



My rule: Add 25

? Mystery Pattern Challenge

Answers will vary. Samples are shown.

Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?



Made by: _____

Solved by: _____

The rule was: Add 12

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 7

subtract 10

multiply by 2

add 50

subtract 6

- 1 Start at **7**. Make a pattern that adds the same number each time.



My rule: Add 7

- 2 Start at **100**. Make a pattern that goes down by the same number each time.



My rule: Subtract 10

- 3 Start at **2**. Make a multiplication pattern.



My rule: Multiply by 2

- 4 Your choice! Pick any start number and any rule.



My rule: Subtract 6

? Mystery Pattern Challenge

Answers will vary. Samples are shown.

Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?



Made by: _____ Solved by: _____ The rule was: Add 9

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 25

divide by 2

subtract 8

add 100

multiply by 2

- 1 Start at **25**. Make a pattern that adds the same number each time.

25

→

50

→

75

→

100

→

125

My rule: Add 25

- 2 Start at **160**. Make a division pattern.

160

→

80

→

40

→

20

→

10

My rule: Divide by 2

- 3 Start at **64**. Make a pattern that goes down by the same number each time.

64

→

56

→

48

→

40

→

32

My rule: Subtract 8

- 4 Your choice! Pick any start number and any rule.

100

→

200

→

300

→

400

→

500

My rule: Add 100

? Mystery Pattern Challenge

Answers will vary. Samples are shown.

Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?

30

→

45

→

→

75

→

Made by: _____

Solved by: _____

The rule was: Add 15

Create a Pattern

Follow each clue to build a number pattern. Then invent your own.

Rule ideas:

add 5

subtract 20

multiply by 2

add 11

subtract 11

- 1 Start at **5**. Make a pattern that adds the same number each time.



My rule: Add 5

- 2 Start at **200**. Make a pattern that goes down by the same number each time.



My rule: Subtract 20

- 3 Start at **1**. Make a multiplication pattern.



My rule: Multiply by 2

- 4 Your choice! Pick any start number and any rule.



My rule: Subtract 11

? Mystery Pattern Challenge

Answers will vary. Samples are shown.

Invent a pattern with five numbers. Write only three of them in the tiles. Can a classmate find the missing two and your rule?



Made by: _____

Solved by: _____

The rule was: Subtract 10