Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 4
repeat 6 times
  print the number
  + add 5
```

OUTPUT

4	9	14		24	29

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 90
repeat 7 times
  print the number
  - subtract 7
```

OUTPUT

90		76	69		55	

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 2
repeat 5 times
  print the number
  × multiply by 2
```

OUTPUT

2	4		16	

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 24
repeat 4 times
  print the number
  ÷ divide by 2
```

OUTPUT

24			3

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 106
repeat 7 times
  print the number
  - subtract 6
```

OUTPUT

106		94	88	82	76	70

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 17
repeat 6 times
  print the number
  + add 6
```

OUTPUT

17		29		41	

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 27
repeat 4 times
  print the number
  ÷ divide by 3
```

OUTPUT

27	9		1

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 1
repeat 6 times
  print the number
  × multiply by 2
```

OUTPUT

1	2	4		16	

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 126
repeat 7 times
  print the number
  - subtract 12
```

OUTPUT

126	114	102		78	66	54

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 4
repeat 4 times
  print the number
  × multiply by 2
```

OUTPUT

4	8		32

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 40
repeat 4 times
  print the number
  ÷ divide by 2
```

OUTPUT

40	20	10	

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 16
repeat 6 times
  print the number
  + add 15
```

OUTPUT

16	31	46		76	91

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 65
repeat 5 times
  print the number
  + add 3
```

OUTPUT

65	68		74	

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 19
repeat 5 times
  print the number
  - subtract 4
```

OUTPUT

19	15		7	3

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 80
repeat 5 times
  print the number
  ÷ divide by 2
```

OUTPUT

80	40		10	5

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 1
repeat 4 times
  print the number
  × multiply by 3
```

OUTPUT

1	3	9	

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 16
repeat 5 times
  print the number
  + add 10
```

OUTPUT

16		36		56

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 41
repeat 5 times
  print the number
  - subtract 3
```

OUTPUT

41	38	35		29

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 44
repeat 6 times
  print the number
  - subtract 8
```

OUTPUT

44	36		20	12	4

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 13
repeat 5 times
  print the number
  + add 9
```

OUTPUT

13	22		40	

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 27
repeat 6 times
  print the number
  + add 7
```

OUTPUT

27	34		48	55	62

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 41
repeat 6 times
  print the number
  - subtract 2
```

OUTPUT

41		37	35		31

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 29
repeat 5 times
  print the number
  + add 4
```

OUTPUT

29		37		45

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 45
repeat 5 times
  print the number
  - subtract 9
```

OUTPUT

45	36	27	18	

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 253
repeat 6 times
  print the number
  + add 125
```

OUTPUT

253	378				878

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 10
repeat 5 times
  print the number
  × multiply by 2
```

OUTPUT

10		40	80	

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 354
repeat 6 times
  print the number
  + add 75
```

OUTPUT

354	429			654	

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 665
repeat 7 times
  print the number
  - subtract 50
```

OUTPUT

665	615	565	515			365

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 179
repeat 5 times
  print the number
  + add 25
```

OUTPUT

179	204		254	

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 3
repeat 5 times
  print the number
  × multiply by 2
```

OUTPUT

3	6		24	

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 225
repeat 6 times
  print the number
  + add 19
```

OUTPUT

225	244	263			320

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 222
repeat 6 times
  print the number
  - subtract 13
```

OUTPUT

222		196		170	

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

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start at 90
repeat 7 times
  print the number
  - subtract 7
```

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90		76	69		55	

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 2
repeat 5 times
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  × multiply by 2
```

OUTPUT

2	4		16	

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 24
repeat 4 times
  print the number
  ÷ divide by 2
```

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24			3

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start at 106
repeat 7 times
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PROGRAM 2 // some of the output went missing

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start at 17
repeat 6 times
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  + add 6
```

OUTPUT

17		29		41	

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 27
repeat 4 times
  print the number
  ÷ divide by 3
```

OUTPUT

27	9		1

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 1
repeat 6 times
  print the number
  × multiply by 2
```

OUTPUT

1	2	4		16	

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 126
repeat 7 times
  print the number
  - subtract 12
```

OUTPUT

126	114	102		78	66	54

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 4
repeat 4 times
  print the number
  × multiply by 2
```

OUTPUT

4	8		32

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 40
repeat 4 times
  print the number
  ÷ divide by 2
```

OUTPUT

40	20	10	

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 16
repeat 6 times
  print the number
  + add 15
```

OUTPUT

16	31	46		76	91

Fill in the missing numbers.

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PROGRAM 1 // some of the output went missing

```
start at 65
repeat 5 times
  print the number
  + add 3
```

OUTPUT

65	68		74	

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 19
repeat 5 times
  print the number
  - subtract 4
```

OUTPUT

19	15		7	3

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 80
repeat 5 times
  print the number
  ÷ divide by 2
```

OUTPUT

80	40		10	5

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 1
repeat 4 times
  print the number
  × multiply by 3
```

OUTPUT

1	3	9	

Fill in the missing numbers.

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Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 16
repeat 5 times
  print the number
  + add 10
```

OUTPUT

16		36		56

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 41
repeat 5 times
  print the number
  - subtract 3
```

OUTPUT

41	38	35		29

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 44
repeat 6 times
  print the number
  - subtract 8
```

OUTPUT

44	36		20	12	4

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 13
repeat 5 times
  print the number
  + add 9
```

OUTPUT

13	22		40	

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 27
repeat 6 times
  print the number
  + add 7
```

OUTPUT

27	34		48	55	62

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 41
repeat 6 times
  print the number
  - subtract 2
```

OUTPUT

41		37	35		31

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 29
repeat 5 times
  print the number
  + add 4
```

OUTPUT

29		37		45

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 45
repeat 5 times
  print the number
  - subtract 9
```

OUTPUT

45	36	27	18	

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 253
repeat 6 times
  print the number
  + add 125
```

OUTPUT

253	378				878

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 10
repeat 5 times
  print the number
  × multiply by 2
```

OUTPUT

10		40	80	

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 354
repeat 6 times
  print the number
  + add 75
```

OUTPUT

354	429			654	

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 665
repeat 7 times
  print the number
  - subtract 50
```

OUTPUT

665	615	565	515			365

Fill in the missing numbers.

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Name _____ Date _____

CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 179
repeat 5 times
  print the number
  + add 25
```

OUTPUT

179	204		254	

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 3
repeat 5 times
  print the number
  × multiply by 2
```

OUTPUT

3	6		24	

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 225
repeat 6 times
  print the number
  + add 19
```

OUTPUT

225	244	263			320

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 222
repeat 6 times
  print the number
  - subtract 13
```

OUTPUT

222		196		170	

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 4
repeat 6 times
  print the number
  + add 5
```

OUTPUT

4	9	14	**19**	24	29

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 90
repeat 7 times
  print the number
  - subtract 7
```

OUTPUT

90	**83**	76	69	**62**	55	**48**

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 2
repeat 5 times
  print the number
  × multiply by 2
```

OUTPUT

2	4	**8**	16	**32**

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 24
repeat 4 times
  print the number
  ÷ divide by 2
```

OUTPUT

24	**12**	**6**	3

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 106
repeat 7 times
  print the number
  - subtract 6
```

OUTPUT

106	**100**	94	88	82	76	70

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 17
repeat 6 times
  print the number
  + add 6
```

OUTPUT

17	**23**	29	**35**	41	**47**

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 27
repeat 4 times
  print the number
  ÷ divide by 3
```

OUTPUT

27	9	**3**	1

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 1
repeat 6 times
  print the number
  × multiply by 2
```

OUTPUT

1	2	4	**8**	16	**32**

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 126
repeat 7 times
  print the number
  - subtract 12
```

OUTPUT

126 | 114 | 102 | **90** | 78 | 66 | 54

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 4
repeat 4 times
  print the number
  × multiply by 2
```

OUTPUT

4 | 8 | **16** | 32

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 40
repeat 4 times
  print the number
  ÷ divide by 2
```

OUTPUT

40 | 20 | 10 | **5**

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 16
repeat 6 times
  print the number
  + add 15
```

OUTPUT

16 | 31 | 46 | **61** | 76 | 91

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 65
repeat 5 times
  print the number
  + add 3
```

OUTPUT

65 | 68 | **71** | 74 | **77**

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 19
repeat 5 times
  print the number
  - subtract 4
```

OUTPUT

19 | 15 | **11** | 7 | 3

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 80
repeat 5 times
  print the number
  ÷ divide by 2
```

OUTPUT

80 | 40 | **20** | 10 | 5

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 1
repeat 4 times
  print the number
  × multiply by 3
```

OUTPUT

1 | 3 | 9 | **27**

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 16
repeat 5 times
  print the number
  + add 10
```

OUTPUT

16 | **26** | 36 | **46** | 56

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 41
repeat 5 times
  print the number
  - subtract 3
```

OUTPUT

41 | 38 | 35 | **32** | 29

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 44
repeat 6 times
  print the number
  - subtract 8
```

OUTPUT

44 | 36 | **28** | 20 | 12 | 4

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 13
repeat 5 times
  print the number
  + add 9
```

OUTPUT

13 | 22 | **31** | 40 | **49**

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 27
repeat 6 times
  print the number
  + add 7
```

OUTPUT

27 | 34 | **41** | 48 | 55 | 62

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 41
repeat 6 times
  print the number
  - subtract 2
```

OUTPUT

41 | **39** | 37 | 35 | **33** | 31

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 29
repeat 5 times
  print the number
  + add 4
```

OUTPUT

29 | **33** | 37 | **41** | 45

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 45
repeat 5 times
  print the number
  - subtract 9
```

OUTPUT

45 | 36 | 27 | 18 | **9**

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 253
repeat 6 times
  print the number
  + add 125
```

OUTPUT

253 378 **503** **628** **753** 878

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 10
repeat 5 times
  print the number
  × multiply by 2
```

OUTPUT

10 **20** 40 80 **160**

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 354
repeat 6 times
  print the number
  + add 75
```

OUTPUT

354 429 **504** **579** 654 **729**

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 665
repeat 7 times
  print the number
  - subtract 50
```

OUTPUT

665 615 565 515 **465** **415** 365

Fill in the missing numbers.

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CODEBREAKERS MISSION FILE A

Missing Output

Each program prints a number pattern, but some numbers are missing. Find the bug.

PROGRAM 1 // some of the output went missing

```
start at 179
repeat 5 times
  print the number
  + add 25
```

OUTPUT

179 | 204 | **229** | 254 | **279**

Fill in the missing numbers.

PROGRAM 2 // some of the output went missing

```
start at 3
repeat 5 times
  print the number
  × multiply by 2
```

OUTPUT

3 | 6 | **12** | 24 | **48**

Fill in the missing numbers.

PROGRAM 3 // some of the output went missing

```
start at 225
repeat 6 times
  print the number
  + add 19
```

OUTPUT

225 | 244 | 263 | **282** | **301** | 320

Fill in the missing numbers.

PROGRAM 4 // some of the output went missing

```
start at 222
repeat 6 times
  print the number
  - subtract 13
```

OUTPUT

222 | **209** | 196 | **183** | 170 | **157**

Fill in the missing numbers.

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