

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

1 6 12 18 26 30 36 → Fix:

Rule: _____

2 72 63 55 45 36 27 → Fix:

Rule: _____

3 1 3 12 27 → Fix:

Rule: _____

4 80 30 20 10 5 → Fix:

Rule: _____

5 15 30 45 60 70 90 → Fix:

Rule: _____

6 120 108 96 84 72 62 → Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

1

14

21

27

35

42

49

→ Fix:

Rule: _____

2

95

90

85

80

65

70

→ Fix:

Rule: _____

3

3

6

12

36

48

→ Fix:

Rule: _____

4

23

35

45

56

67

78

→ Fix:

Rule: _____

5

24

14

6

3

→ Fix:

Rule: _____

6

200

175

150

120

100

75

→ Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

1

27

36

45

54

62

72

→ Fix:

Rule: _____

2

2

10

40

250

→ Fix:

Rule: _____

3

100

92

86

76

68

60

→ Fix:

Rule: _____

4

35

55

75

105

115

135

→ Fix:

Rule: _____

5

5

10

20

40

60

→ Fix:

Rule: _____

6

61

56

49

43

37

31

→ Fix:

Rule: _____

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Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

1

12

24

36

46

60

72

→ Fix:

Rule: _____

2

40

20

12

5

→ Fix:

Rule: _____

3

125

150

170

200

225

250

→ Fix:

Rule: _____

4

99

88

77

66

54

44

→ Fix:

Rule: _____

5

6

18

24

48

→ Fix:

Rule: _____

6

500

450

400

350

300

200

→ Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

1 - 2 - 4 - 6 - 9 - 10 - 12 → Fix:

Rule: _____

2 - 5 - 10 - 16 - 20 - 25 - 30 → Fix:

Rule: _____

3 - 90 - 80 - 70 - 60 - 55 - 40 → Fix:

Rule: _____

4 - 3 - 6 - 9 - 12 - 14 - 18 → Fix:

Rule: _____

5 - 1 - 2 - 4 - 10 - 16 → Fix:

Rule: _____

6 - 40 - 36 - 30 - 28 - 24 - 20 → Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

1 13 23 34 43 53 63 → Fix:

Rule: _____

2 30 28 26 23 22 20 → Fix:

Rule: _____

3 8 12 16 20 24 30 → Fix:

Rule: _____

4 65 58 55 50 45 40 → Fix:

Rule: _____

5 16 8 6 2 1 → Fix:

Rule: _____

6 9 18 27 38 45 54 → Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

1 125 250 375 600 625 750 → Fix:

Rule: _____

2 600 540 460 420 360 300 → Fix:

Rule: _____

3 1 4 12 64 → Fix:

Rule: _____

4 400 200 100 60 25 → Fix:

Rule: _____

5 18 36 54 72 98 108 → Fix:

Rule: _____

6 905 870 855 830 805 780 → Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

1 150 300 450 600 700 900 → Fix:

Rule: _____

2 1000 875 725 625 500 375 → Fix:

Rule: _____

3 3 12 27 81 → Fix:

Rule: _____

4 96 48 24 14 6 3 → Fix:

Rule: _____

5 16 32 48 64 80 106 → Fix:

Rule: _____

6 712 700 688 676 654 652 → Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

①

6

12

18

26

30

36

→ Fix:

Rule: _____

②

72

63

55

45

36

27

→ Fix:

Rule: _____

③

1

3

12

27

→ Fix:

Rule: _____

④

80

30

20

10

5

→ Fix:

Rule: _____

⑤

15

30

45

60

70

90

→ Fix:

Rule: _____

⑥

120

108

96

84

72

62

→ Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

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One number in each pattern is wrong. Circle it, fix it, and write the rule.

①

14

21

27

35

42

49

→ Fix:

Rule: _____

②

95

90

85

80

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70

→ Fix:

Rule: _____

③

3

6

12

36

48

→ Fix:

Rule: _____

④

23

35

45

56

67

78

→ Fix:

Rule: _____

⑤

24

14

6

3

→ Fix:

Rule: _____

⑥

200

175

150

120

100

75

→ Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 27 36 45 54 62 72 → Fix:

Rule: _____

② 2 10 40 250 → Fix:

Rule: _____

③ 100 92 86 76 68 60 → Fix:

Rule: _____

④ 35 55 75 105 115 135 → Fix:

Rule: _____

⑤ 5 10 20 40 60 → Fix:

Rule: _____

⑥ 61 56 49 43 37 31 → Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

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One number in each pattern is wrong. Circle it, fix it, and write the rule.

①

12

24

36

46

60

72

→ Fix:

Rule: _____

②

40

20

12

5

→ Fix:

Rule: _____

③

125

150

170

200

225

250

→ Fix:

Rule: _____

④

99

88

77

66

54

44

→ Fix:

Rule: _____

⑤

6

18

24

48

→ Fix:

Rule: _____

⑥

500

450

400

350

300

200

→ Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

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One number in each pattern is wrong. Circle it, fix it, and write the rule.

①

2

4

6

9

10

12

→ Fix:

Rule: _____

②

5

10

16

20

25

30

→ Fix:

Rule: _____

③

90

80

70

60

55

40

→ Fix:

Rule: _____

④

3

6

9

12

14

18

→ Fix:

Rule: _____

⑤

1

2

4

10

16

→ Fix:

Rule: _____

⑥

40

36

30

28

24

20

→ Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

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One number in each pattern is wrong. Circle it, fix it, and write the rule.

①

13

23

34

43

53

63

→ Fix:

Rule: _____

②

30

28

26

23

22

20

→ Fix:

Rule: _____

③

8

12

16

20

24

30

→ Fix:

Rule: _____

④

65

58

55

50

45

40

→ Fix:

Rule: _____

⑤

16

8

6

2

1

→ Fix:

Rule: _____

⑥

9

18

27

38

45

54

→ Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 125 250 375 600 625 750 → Fix:

Rule: _____

② 600 540 460 420 360 300 → Fix:

Rule: _____

③ 1 4 12 64 → Fix:

Rule: _____

④ 400 200 100 60 25 → Fix:

Rule: _____

⑤ 18 36 54 72 98 108 → Fix:

Rule: _____

⑥ 905 870 855 830 805 780 → Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

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① 150 300 450 600 700 900 → Fix:

Rule: _____

② 1000 875 725 625 500 375 → Fix:

Rule: _____

③ 3 12 27 81 → Fix:

Rule: _____

④ 96 48 24 14 6 3 → Fix:

Rule: _____

⑤ 16 32 48 64 80 106 → Fix:

Rule: _____

⑥ 712 700 688 676 654 652 → Fix:

Rule: _____

Choose one pattern. Explain how you found the mistake.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 6 12 18 **26** 30 36 → Fix: **24**
 Rule: Add 6

② 72 63 **55** 45 36 27 → Fix: **54**
 Rule: Subtract 9

③ 1 3 **12** 27 → Fix: **9**
 Rule: Multiply by 3

④ 80 **30** 20 10 5 → Fix: **40**
 Rule: Divide by 2

⑤ 15 30 45 60 **70** 90 → Fix: **75**
 Rule: Add 15

⑥ 120 108 96 84 72 **62** → Fix: **60**
 Rule: Subtract 12

Choose one pattern. Explain how you found the mistake.

Sample: In pattern 1 each number is 6 more, and $18 + 6 = 24$, not 26.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 14 21 **27** 35 42 49 → Fix: 28

Rule: Add 7

② 95 90 85 80 **65** 70 → Fix: 75

Rule: Subtract 5

③ 3 6 12 **36** 48 → Fix: 24

Rule: Multiply by 2

④ 23 **35** 45 56 67 78 → Fix: 34

Rule: Add 11

⑤ 24 **14** 6 3 → Fix: 12

Rule: Divide by 2

⑥ 200 175 150 **120** 100 75 → Fix: 125

Rule: Subtract 25

Choose one pattern. Explain how you found the mistake.

Sample: In pattern 1 each number is 7 more, and $21 + 7 = 28$, not 27.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 27 36 45 54 **62** 72 → Fix: **63**
 Rule: Add 9

② 2 10 **40** 250 → Fix: **50**
 Rule: Multiply by 5

③ 100 92 **86** 76 68 60 → Fix: **84**
 Rule: Subtract 8

④ 35 55 75 **105** 115 135 → Fix: **95**
 Rule: Add 20

⑤ 5 10 20 40 **60** → Fix: **80**
 Rule: Multiply by 2

⑥ **61** **56** 49 43 37 31 → Fix: **55**
 Rule: Subtract 6

Choose one pattern. Explain how you found the mistake.

Sample: In pattern 1 each number is 9 more, and $54 + 9 = 63$, not 62.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 12 24 36 **46** 60 72 → Fix: **48**
 Rule: Add 12

② 40 20 **12** 5 → Fix: **10**
 Rule: Divide by 2

③ 125 150 **170** 200 225 250 → Fix: **175**
 Rule: Add 25

④ 99 88 77 66 **54** 44 → Fix: **55**
 Rule: Subtract 11

⑤ 6 **18** 24 48 → Fix: **12**
 Rule: Multiply by 2

⑥ 500 450 400 350 300 **200** → Fix: **250**
 Rule: Subtract 50

Choose one pattern. Explain how you found the mistake.

Sample: In pattern 1 each number is 12 more, and $36 + 12 = 48$, not 46.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 2 4 6 9 10 12 → Fix: 8
Rule: Add 2

② 5 10 16 20 25 30 → Fix: 15
Rule: Add 5

③ 90 80 70 60 55 40 → Fix: 50
Rule: Subtract 10

④ 3 6 9 12 14 18 → Fix: 15
Rule: Add 3

⑤ 1 2 4 10 16 → Fix: 8
Rule: Multiply by 2

⑥ 40 36 30 28 24 20 → Fix: 32
Rule: Subtract 4

Choose one pattern. Explain how you found the mistake.

Sample: In pattern 1 each number is 2 more, and $6 + 2 = 8$, not 9.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 13 23 **34** 43 53 63 → Fix: **33**
 Rule: Add 10

② 30 28 26 **23** 22 20 → Fix: **24**
 Rule: Subtract 2

③ 8 12 16 20 24 **30** → Fix: **28**
 Rule: Add 4

④ 65 **58** 55 50 45 40 → Fix: **60**
 Rule: Subtract 5

⑤ 16 8 **6** 2 1 → Fix: **4**
 Rule: Divide by 2

⑥ 9 18 27 **38** 45 54 → Fix: **36**
 Rule: Add 9

Choose one pattern. Explain how you found the mistake.

Sample: In pattern 1 each number is 10 more, and $23 + 10 = 33$, not 34.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 125 250 375 **600** 625 750 → Fix: **500**
 Rule: Add 125

② 600 540 **460** 420 360 300 → Fix: **480**
 Rule: Subtract 60

③ 1 4 **12** 64 → Fix: **16**
 Rule: Multiply by 4

④ 400 200 100 **60** 25 → Fix: **50**
 Rule: Divide by 2

⑤ 18 36 54 72 **98** 108 → Fix: **90**
 Rule: Add 18

⑥ 905 **870** 855 830 805 780 → Fix: **880**
 Rule: Subtract 25

Choose one pattern. Explain how you found the mistake.

Sample: In pattern 1 each number is 125 more, and $375 + 125 = 500$, not 600.

Find the Mistake

One number in each pattern is wrong. Circle it, fix it, and write the rule.

① 150 300 450 600 **700** 900 → Fix: **750**
 Rule: Add 150

② 1000 875 **725** 625 500 375 → Fix: **750**
 Rule: Subtract 125

③ 3 **12** 27 81 → Fix: **9**
 Rule: Multiply by 3

④ 96 48 24 **14** 6 3 → Fix: **12**
 Rule: Divide by 2

⑤ 16 32 48 64 80 **106** → Fix: **96**
 Rule: Add 16

⑥ 712 700 688 676 **654** 652 → Fix: **664**
 Rule: Subtract 12

Choose one pattern. Explain how you found the mistake.

Sample: In pattern 1 each number is 150 more, and $600 + 150 = 750$, not 700.