

★ Grade 1 Identify Number Patterns Worksheet – Pattern or Not a Pattern?



Look carefully and decide whether each set of numbers makes a pattern.

Grade 1

Math

Number Patterns

1 Pattern or not?

Look at each set of numbers.
Is it a pattern? Circle Yes or No.

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

1. 2, 4, 6, 8, 10

2. 5, 10, 15, 20, 25

3. 3, 6, 9, 12, 14

4. 20, 18, 16, 14, 12

5. 1, 1, 1, 1, 1

6. 2, 5, 8, 11, 14

7. 10, 20, 30, 40, 60

8. 7, 9, 11, 13, 15

2 Fix the pattern

Some numbers do not follow the pattern.
Find the rule. Write the next correct number
in the box.

1. 2, 4, 6, 9, 10, 12

2. 5, 10, 15, 25, 20, 25

3. 30, 28, 26, 24, 21, 20

4. 3, 6, 9, 12, 14, 15

5. 100, 90, 80, 70, 50, 40

3 Circle the odd one out

In each set, one number does not follow
the pattern. Circle it.

1. 2, 4, 6, 8, 10, 7

2. 5, 10, 15, 20, 18, 25

3. 20, 18, 16, 14, 12, 11

4. 1, 3, 5, 7, 9, 8

4 Challenge

Solve each problem. Show your thinking in the space
or circle the correct answer.

1. What comes next?

2, 5, 8, 11, 14, ____

16

17

20

2. What comes next?

50, 45, 40, 35, ____

30

32

25

3. Look at the pattern.

3, 6, 12, 24, ____

add 3

multiply by 2

subtract 3

Which rule makes the pattern?

Explain your choice.



Grade 1 Identify Number Patterns Worksheet – Continue the Number Pattern

Look at each pattern and continue it correctly.

Grade 1

Math

Number Patterns



1 Continue the pattern

Look at each pattern. Write the next 3 numbers.

1. 2, 4, 6, 8,
2. 5, 10, 15, 20,
3. 1, 3, 5, 7,
4. 10, 12, 14, 16,
5. 3, 6, 9, 12,
6. 20, 18, 16, 14,

2 Skip-count patterns

Look at each pattern. Continue it using the rule.

1. 2, 4, 6, 8, (add 2)
2. 5, 10, 15, 20, (add 5)
3. 10, 20, 30, 40, (add 10)
4. 7, 9, 11, 13, (add 2)
5. 15, 20, 25, 30, (add 5)

3 Up or down?

Look at each pattern. Continue it in the same direction.

1. 1, 2, 3, 4, 5,
2. 20, 18, 16, 14, 12,
3. 3, 6, 9, 12, 15,
4. 30, 27, 24, 21, 18,

4 Challenge

Look at each pattern. Figure out the rule and continue it.

1. 2, 5, 8, 11, 14,
2. 100, 95, 90, 85, 80,
3. 3, 6, 12, 24, 48,

Name: _____

Grade 1 Identify Number Patterns Worksheet – Missing Numbers Pattern Practice

Fill in the missing numbers to complete each pattern.

Grade 1

Math

Number Patterns



1 Fill in the blanks

Look at each pattern. Write the missing numbers.

1. 2, 4, _____, 8, _____, 12
2. 5, 10, _____, 20, _____, 30
3. 1, 3, 5, _____, 9, _____, 13
4. 20, 18, _____, 14, _____, 10
5. 3, 6, 9, _____, 15, _____, 21, 24
6. 50, 45, _____, 35, _____, 25, 20
7. 7, 14, _____, 28, _____, 42, 49
8. 100, 90, _____, 70, _____, 50

2 Pattern boxes

Fill in the missing numbers in each number box.

1.

2	4		8		12	14
---	---	--	---	--	----	----
2.

5		15		25	30	
---	--	----	--	----	----	--
3.

1	2		4		6	7
---	---	--	---	--	---	---
4.

20	18		14		10	8
----	----	--	----	--	----	---
5.

10		30	40		60	70
----	--	----	----	--	----	----

3 Before, after, and between in patterns

Read each pattern and write the number asked for.

1. 2, 4, 6, 8, 10
What is before 6? _____ After 6? _____ Between 4 and 8? _____
2. 10, 20, 30, 40, 50
What is before 30? _____ After 30? _____ Between 20 and 40? _____
3. 5, 10, 15, 20, 25
What is before 20? _____ After 20? _____ Between 10 and 20? _____
4. 3, 6, 9, 12, 15
What is before 9? _____ After 9? _____ Between 6 and 12? _____
5. 40, 50, 60, 70, 80
What is before 60? _____ After 60? _____ Between 50 and 70? _____

4 Challenge

Solve these harder patterns by filling in the missing numbers.

1. 10, 20, 30, _____, _____, 60, 70, 80, _____
2. 100, 90, 80, _____, _____, 50, 40, 30, _____
3. 25, 35, 45, _____, _____, 75, 85, 95, _____
4. 5, 15, 25, _____, _____, 55, 65, 75, 85, _____



Name: _____

Grade 1 Identify Number Patterns Worksheet – What Comes Next?

Find the number pattern and write the next number.

Grade 1

Math

Number Patterns



1 What comes next?

Look at the pattern. Write the next number.

1. 1, 2, 3, 4, 5,

2. 2, 4, 6, 8, 10,

3. 5, 6, 7, 8, 9,

4. 10, 12, 14, 16, 18,

5. 3, 6, 9, 12, 15,

6. 20, 19, 18, 17, 16,

7. 15, 16, 17, 18, 19,

8. 8, 10, 12, 14, 16,

2 Finish the pattern

Look at the pattern. Write the next two numbers.

1. 1, 2, 3, 4, 5, ,

2. 2, 4, 6, 8, 10, ,

3. 5, 10, 15, 20, 25, ,

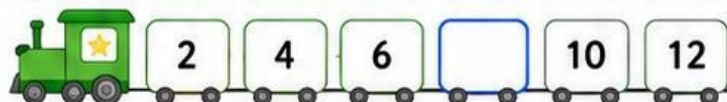
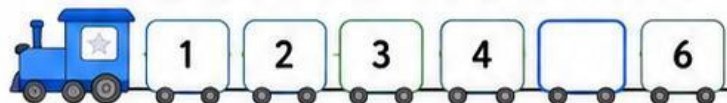
4. 3, 6, 9, 12, 15, ,

5. 20, 18, 16, 14, 12, ,

6. 7, 9, 11, 13, 15, ,

3 Number train patterns

Look at each number train. Write the missing number.



4 Challenge

Look carefully at each pattern. Write the next number.

1. 30, 35, 40, 45, 50,

2. 9, 18, 27, 36, 45,

3. 50, 45, 40, 35, 30,

4. 2, 3, 5, 8, 13, 21,

Grade 1 Identify Number Patterns Worksheet – Find the Pattern Rule

Look at each pattern and write or choose the rule.

Grade 1

Math

Number Patterns



1 Write the rule

Look at each pattern. Write the rule that makes it work.

1. 4, 5, 6, 7, 8

2. 10, 12, 14, 16, 18

3. 5, 10, 15, 20, 25

4. 20, 19, 18, 17, 16

5. 15, 13, 11, 9, 7

6. 30, 25, 20, 15, 10

2 Choose the rule

Look at each pattern. Choose the rule that makes it work.

1. 6, 7, 8, 9, 10

☐ add 1☐ add 2☐ add 5

2. 3, 5, 7, 9, 11

☐ add 1☐ add 2☐ add 5

3. 20, 18, 16, 14, 12

☐ subtract 1☐ subtract 2☐ subtract 5

4. 25, 20, 15, 10, 5

☐ subtract 1☐ subtract 5☐ subtract 10

3 Rule match

Draw a line to match each pattern (left) with its rule (right).

1. 2, 4, 6, 8, 10

• subtract 2

2. 14, 13, 12, 11, 10

• add 2

3. 5, 10, 15, 20, 25

• subtract 1

4. 30, 28, 26, 24, 22

• add 5

4 Challenge

Look at each pattern. Write the rule. Then write the next number.

1. 7, 11, 15, 19, 23,

Rule:

2. 50, 45, 40, 35, 30,

Rule:

3. 3, 6, 9, 12, 15,

Rule:

Name: _____

Grade 1 Identify Number Patterns Worksheet – Choose the Rule

Look at each number pattern and choose the rule that makes it work.

Grade 1

Math

Number Patterns



1 Choose the rule

Look at each number pattern. Choose the rule that makes it work.

1. 3, 4, 5, 6, 7 ☐ add 1 ☐ add 2 ☐ add 5

2. 10, 8, 6, 4, 2 ☐ subtract 1 ☐ subtract 2 ☐ add 10

3. 5, 10, 15, 20, 25 ☐ add 1 ☐ add 5 ☐ add 10

4. 20, 19, 18, 17, 16 ☐ subtract 1 ☐ subtract 2 ☐ add 10

5. 7, 9, 11, 13, 15 ☐ add 1 ☐ add 2 ☐ add 5

6. 2, 4, 6, 8, 10 ☐ subtract 1 ☐ subtract 2 ☐ add 2

2 Circle the matching rule

Look at each pattern. Circle the rule that matches it.

1. 12, 14, 16, 18, 20 ☐ add 1 ☐ add 2 ☐ add 5

2. 30, 25, 20, 15, 10 ☐ subtract 1 ☐ subtract 5 ☐ add 5

3. 4, 6, 8, 10, 12 ☐ add 1 ☐ add 2 ☐ subtract 2

4. 50, 40, 30, 20, 10 ☐ add 10 ☐ subtract 10 ☐ subtract 5

3 What comes next?

Find the pattern and write the next number.

1. 1, 2, 3, 4, 5,

2. 10, 12, 14, 16, 18,

3. 20, 15, 10, 5, 0,

4. 3, 6, 9, 12, 15,

5. 5, 10, 15, 20, 25,

4 Challenge

Look closely and choose the rule. Then write the next number.

1. 2, 5, 8, 11, 14,
☐ add 1 ☐ add 2 ☐ add 3 ☐ add 5 ☐ subtract 1

2. 100, 90, 80, 70, 60,
☐ subtract 1 ☐ subtract 5 ☐ subtract 10 ☐ add 10 ☐ add 20

3. 3, 6, 12, 24, 48,
☐ add 2 ☐ add 3 ☐ multiply by 2 ☐ multiply by 3 ☐ add 10

