



Number Patterns

Year 1 Mathematics - Worksheet 25

Name: _____ Date: _____

Section 1: Finish the Pattern

Complete each growing number pattern.

1. Finish the pattern on the caterpillar:

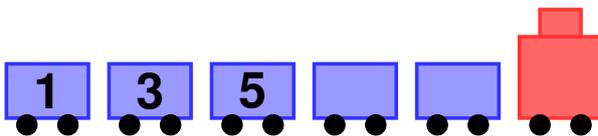


Answer: _____, _____

2. Finish the pattern: 2, 4, 6, _____, _____

3. Finish the pattern: 10, 20, 30, _____, _____

4. Complete the number train:



Answer: _____, _____



5. Finish the pattern: 4, 8, 12, _____, _____

6. Finish the pattern: 3, 6, 9, _____, _____

7. Finish the pattern: 11, 12, 13, _____, _____

8. Finish the pattern: 20, 25, 30, _____, _____

Pattern Power!

Joke Time: What do you call a bear with no teeth?

A gummy bear!



Section 2: What is the Rule?

Look at each pattern and identify the rule.

9. Look at this pattern: 10, 20, 30, 40

What is the rule? (Circle one)

Add 2

Add 5

Add 10

10. Look at this pattern: 5, 10, 15, 20

What is the rule? (Circle one)

Add 3

Add 5

Add 10



11. Look at this pattern: 2, 4, 6, 8

What is the rule? _____

12. Look at this pattern: 1, 2, 3, 4, 5

What is the rule? _____

13. Look at this pattern: 3, 6, 9, 12

What is the rule? (Circle one)

Add 2

Add 3

Add 4

14. The rule is "Add 4". Write the next 3 numbers:

4, 8, 12, _____, _____, _____

15. The rule is "Add 1". Start at 15. Write the pattern:

15, _____, _____, _____, _____

16. The rule is "Add 10". Start at 5. Write the pattern:

5, _____, _____, _____, _____



Number Detective!

Joke Time: Why was the math book sad?
Because it had too many problems!

6
4
2



Section 3: Tricky Starts Challenge

These patterns start with different numbers!

17. Start at 3 and count by 2s:

3, 5, 7, _____, _____, _____

18. Start at 1 and count by 3s:

1, 4, 7, _____, _____, _____

19. Start at 7 and count by 5s:

7, 12, 17, _____, _____, _____

20. Start at 2 and count by 10s:

2, 12, 22, _____, _____, _____

21. Start at 4 and count by 4s:

4, 8, 12, _____, _____, _____



22. What number comes next? 11, 13, 15, 17, _____

23. What number comes next? 6, 11, 16, 21, _____

24. Complete: 5, 8, 11, _____, _____

Pattern Power!

Joke Time: What's a kangaroo's favorite year?
A leap year!





Answer Key

Year 1 Mathematics - Worksheet 25

Section 1: Finish the Pattern

1. 20, 25

2. 8, 10

3. 40, 50

4. 7, 9

5. 16, 20

6. 12, 15

7. 14, 15

8. 35, 40



Section 2: What is the Rule?



9. Add 10

10. Add 5

11. Add 2

12. Add 1

13. Add 3

14. 16, 20, 24

15. 16, 17, 18, 19

16. 15, 25, 35, 45



Section 3: Tricky Starts Challenge

17. 9, 11, 13

18. 10, 13, 16

19. 22, 27, 32

20. 32, 42, 52



21. 16, 20, 24

22. 19

23. 26

24. 14, 17





Number Patterns

Year 1 Mathematics - Worksheet 26

Name: _____ Date: _____

Section 1: Counting Backwards

Complete each shrinking number pattern.

1. Count backwards on the rocket ship:

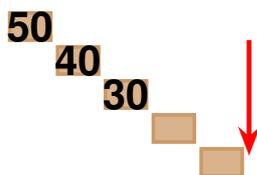


Answer: _____, _____

2. Count back by 1s: 20, 19, 18, _____, _____

3. Count back by 2s: 12, 10, 8, _____, _____

4. Count down the stairs:





Answer: _____, _____

5. Count back by 5s: 30, 25, 20, _____, _____

6. Count back by 1s: 15, 14, 13, _____, _____

7. Count back by 10s: 100, 90, 80, _____, _____

8. Count back by 3s: 15, 12, 9, _____, _____

Number Detective!

Joke Time: What do you call a dinosaur that crashes his car?



Tyrannosaurus Wrecks!

Section 2: Find the Mistake

Someone made a mistake! Find it and fix the pattern.

9. Tom wrote: 20, 18, 16, 15. That is wrong!

What should it be? 20, 18, 16, _____, _____

What is the rule? _____



10. Emma wrote: 30, 25, 20, 10. That is wrong!

What should it be? 30, 25, 20, _____, _____

What is the rule? _____

11. Ben wrote: 10, 9, 8, 6, 5. That is wrong!

What number is missing? _____

12. Lucy wrote: 50, 40, 30, 10. That is wrong!

What number is missing? _____

13. Look at this pattern: 25, 20, 15, 10

What is the rule? (Circle one)

Take away 2 Take away 5 Take away 10

14. Look at this pattern: 12, 10, 8, 6

What is the rule? _____

15. The rule is "Take away 1". Start at 10. Write the pattern:

10, _____, _____, _____, _____

16. The rule is "Take away 10". Start at 60. Write the pat-



tern:

60, _____, _____, _____, _____

Pattern Power!

Joke Time: Why did the chicken cross the playground?

To get to the other slide!



Section 3: Word Problems Challenge

Solve these pattern word problems!

17. I have 20 cookies. I eat 2 every day. How many do I have left each day?

Day 1: 20

Day 2: _____

Day 3: _____

Day 4: _____

Day 5: _____

18. A rocket counts down from 10. It counts back by 1 each second. Write the countdown:

10, _____, _____, _____, _____, _____

19. I start with 15 stickers. I give away 5 each day. How many do I have?



Start: 15 After 1 day: _____ After 2 days: _____

20. A plant is 30cm tall. It shrinks 10cm each week. How tall is it?

Week 1: 30cm Week 2: _____ Week 3: _____

21. Count back from 25 by 5s until you reach 5:

25, _____, _____, _____, _____

22. A candle is 18cm tall. It melts 3cm each hour. Write the pattern:

18, _____, _____, _____, _____

23. What number comes before 50 when counting back by 10s?

Answer: _____

Number Detective!

Joke Time: What's the best time to go to the dentist?



Tooth-hurty (2:30)!



Answer Key

Year 1 Mathematics - Worksheet 26

Section 1: Counting Backwards

1. 7, 6

2. 17, 16

3. 6, 4

4. 20, 10

5. 15, 10

6. 12, 11

7. 70, 60

8. 6, 3



Section 2: Find the Mistake



9. 14, 12; Rule: Take away 2 (or Minus 2)

10. 15, 10; Rule: Take away 5 (or Minus 5)

11. 7 (the pattern should be 10, 9, 8, 7, 6, 5)

12. 20 (the pattern should be 50, 40, 30, 20, 10)

13. Take away 5

14. Take away 2 (or Minus 2)

15. 9, 8, 7, 6

16. 50, 40, 30, 20



Section 3: Word Problems Challenge

17. Day 2: 18, Day 3: 16, Day 4: 14, Day 5: 12

18. 9, 8, 7, 6, 5

19. After 1 day: 10, After 2 days: 5

20. Week 2: 20cm, Week 3: 10cm



21. 20, 15, 10, 5

22. 15, 12, 9, 6

23. 60

