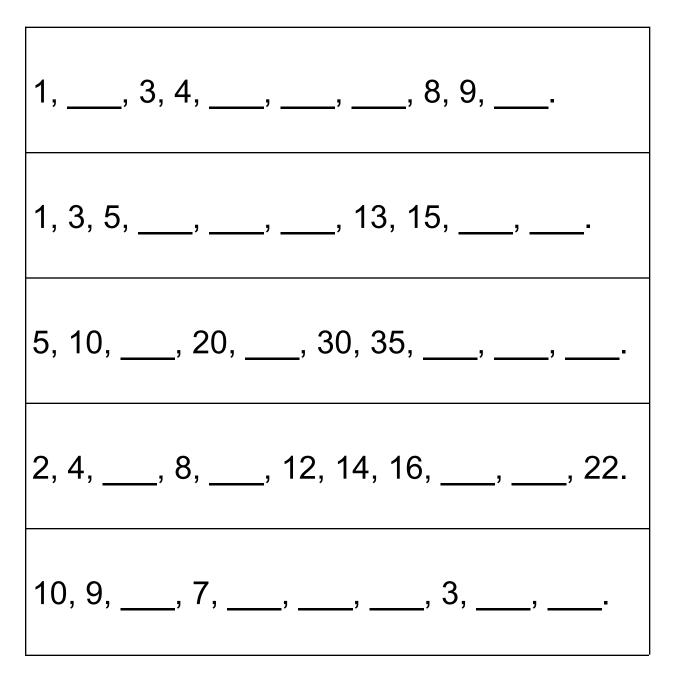


#### Year 1 Worksheet 3: Number Pattern

Question 1: Find the missing number.





Question 2: Find the missing number and rule.

4, <u>6,</u> 8, <u>10</u> , 12, 14, 16, <u>18</u> , <u>20</u> , 22.
Rule: Count up by 2's from 4 to 22.
3, 7, 11,,,, 27, 31,
Rule: Count by's from to
34, 35, 36,,,, 40, 41,
Rule: Count by's from to
5, 7,, 13,, 17, 19, 21,,
Rule: Count by's from to
10, 9,, 7,,, 3,,
Rule: Count by's from to



Question 3: Find the missing number and rule.

75, 70, 65,,,
Rule:
55, 57, 59,,,
Rule:
42, 43, 44,,,, Rule:
22, 26, 30,,, Rule:
80, 77, 74,,, Rule:



Question 4: Find the missing number and rule.

70, 73, 72, 75, 74,,,,
Rule:
50, 54, 52, 56, 54,,,,
Rule:
30, 35, 33, 38, 36,,,,,
Rule:
60, 64, 63, 67, 66,,,,,
Rule:
85, 91, 88, 94, 91,,,,
Rule:





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#### Answer Key

Question 1: Find the missing number.

```
1, 2, 3, 4, 5, 6, 7, 8, 9, 10.
1, 3, 5, 7, 9, 11, 13, 15, 17, 19.
5, 10, 15, 20, 25, 30, 35, 40, 45, 50.
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22.
10, 9, 8, 7, 6, 5, 4, 3, 2, 1.
```



Question 2: Find the missing number and rule.

### 4, <u>6</u>, 8, <u>10</u>, 12, 14, 16, <u>18</u>, <u>20</u>, 22.

Rule: Count  $\underline{up}$  by  $\underline{2}$ 's from  $\underline{4}$  to  $\underline{22}$ .

3, 7, 11, <u>15</u>, <u>19</u>, <u>23</u>, 27, 31, <u>35</u>.

Rule: Count <u>up</u>by <u>4's</u> from <u>3</u> to <u>35</u>.

34, 35, 36, <u>37</u>, <u>38</u>, <u>39</u>, 40, 41, <u>42</u>.

Rule: Count up by <u>1's</u> from <u>34 to 42</u>.

5, 7, <u>11</u>, 13, <u>15</u>, 17, 19, 21, <u>23</u>, <u>25</u>.

Rule: Count up by 2's from 5 to 25.

10, 9, <u>8</u>, 7, <u>6</u>, <u>5</u>, <u>4</u>, 3, <u>2</u>, <u>1</u>.

Rule: Count down by <u>1's</u> from <u>10 to 1</u>.



Question 3: Find the missing number and rule.

75, 70, 65, 60, 55, 50, 45 Rule: Counting by 5s (Downward) 55, 57, 59, 61, 63, 65, 67 Rule: Counting by 2s (Upward) 42, 43, 44, 45, 46, 47, 48 Rule: Counting by 1s (Upward) 22, 26, 30, 34, 38, 42, 46 Rule: Counting by 4s (Upward) 80, 77, 74, 71, 68, 65, 62 Rule: Counting by 3s (Downward)



Question 4: Find the missing number and rule.

## 70, 73, 72, 75, 74, 77, 76, 79, 78

Rule: Add 3, Subtract 1 (Downward)

50, 54, 52, 56, 54, 58, 56, 60, 58

Rule: Add 4, Subtract 2 (Upward)

30, 35, 33, 38, 36, 41, 39, 44, 42

Rule: Add 5, Subtract 2 (Upward)

60, 64, 63, 67, 66, 70, 69, 73, 72

Rule: Add 4, Subtract 1 (Downward)

85, 91, 88, 94, 91, 97, 94, 100, 97

Rule: Add 6, Subtract 3 (Upward)