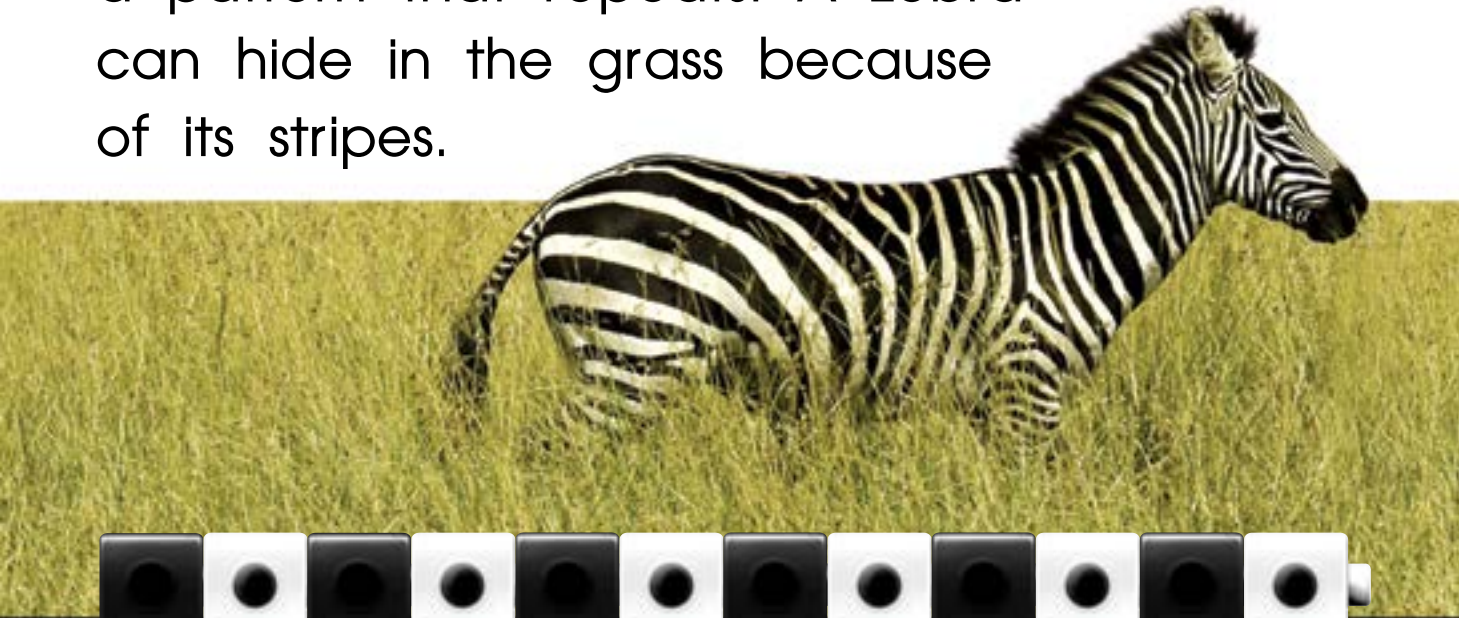
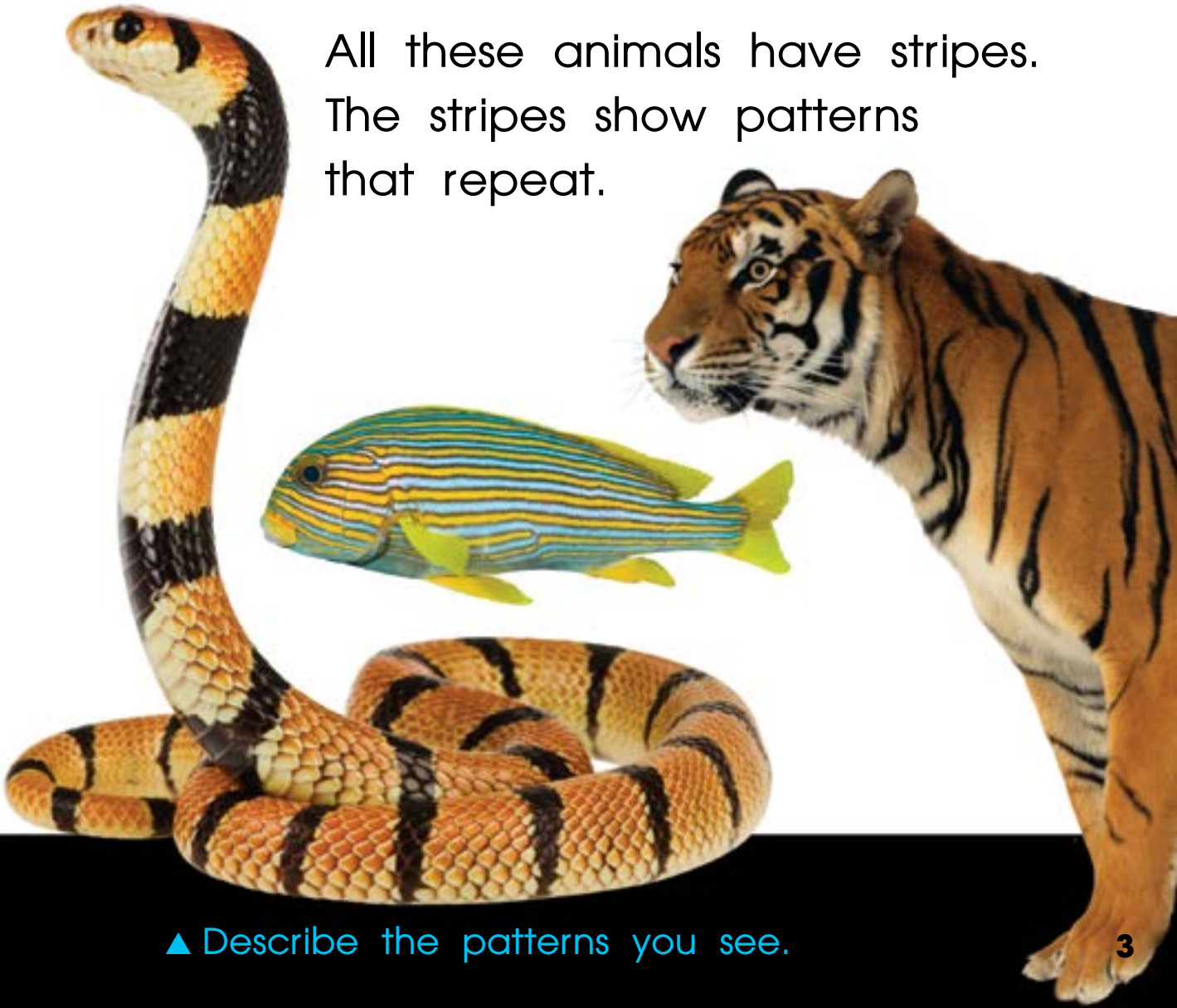


## What Is a Pattern?

Some patterns repeat. Look at the zebra. The stripes show a pattern that repeats. A zebra can hide in the grass because of its stripes.

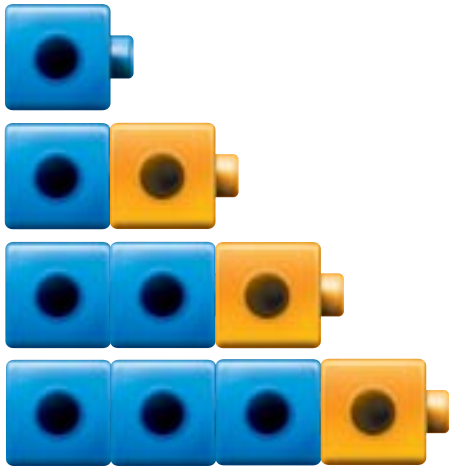


All these animals have stripes.  
The stripes show patterns  
that repeat.



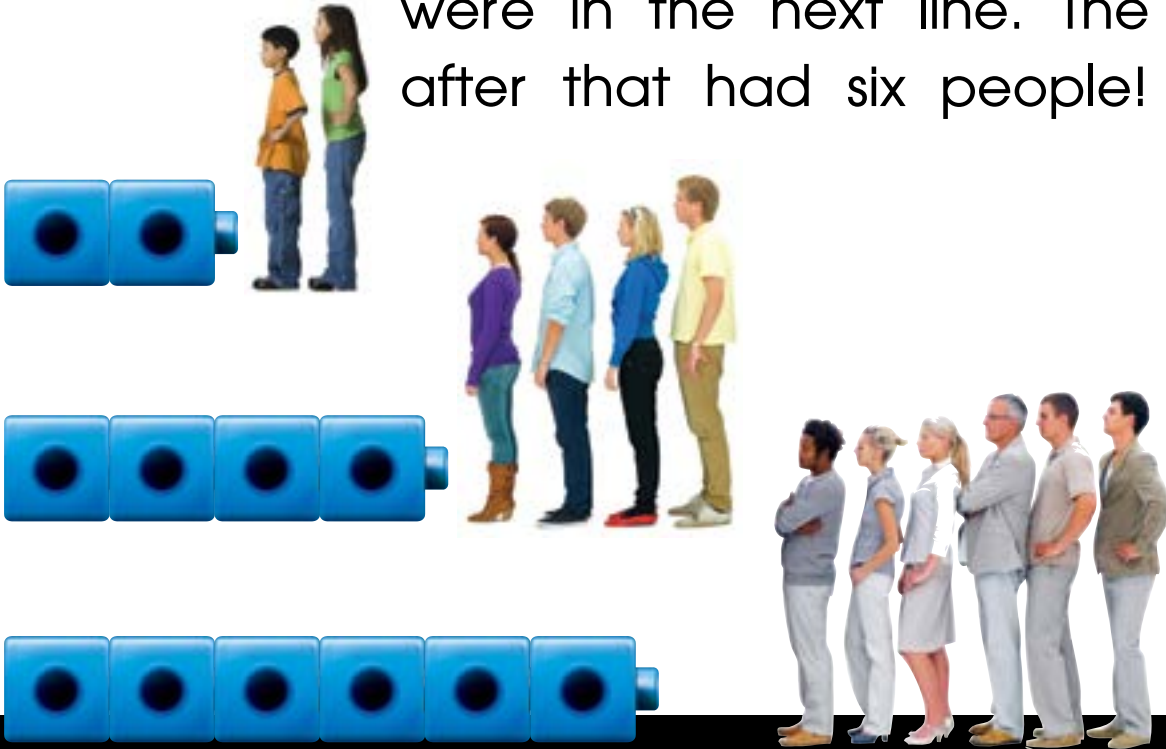
▲ Describe the patterns you see.

Some patterns grow. We found these patterns in a grocery store. Look at the apples. The top row has only one apple. Can you see how the pattern grows?



▲ The rule for this pattern is add one.

We saw another pattern when we went to pay. The first line had two people. Four people were in the next line. The line after that had six people!



▲ The pattern is even numbers.

We find patterns in numbers.

We looked around the classroom  
and saw the hundred chart.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

▲ The hundred chart helps us see patterns in numbers.

Can you find a pattern in the hundred chart? The pattern we saw shows counting by five.

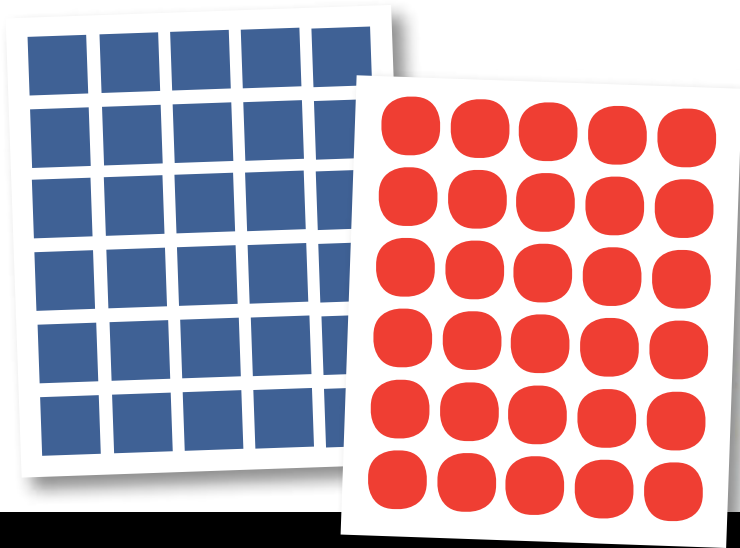


**5, 10, 15, 20,  
25, 30, 35, 40**



## What Is Next?

If you can find the pattern, then you can tell what is next. We used different shaped stickers to decorate a picture frame.



▲ We used blue squares and red circles.





I went to a soccer game with my sister. The players sat on the bench and we sat behind them. I found a pattern in the numbers!



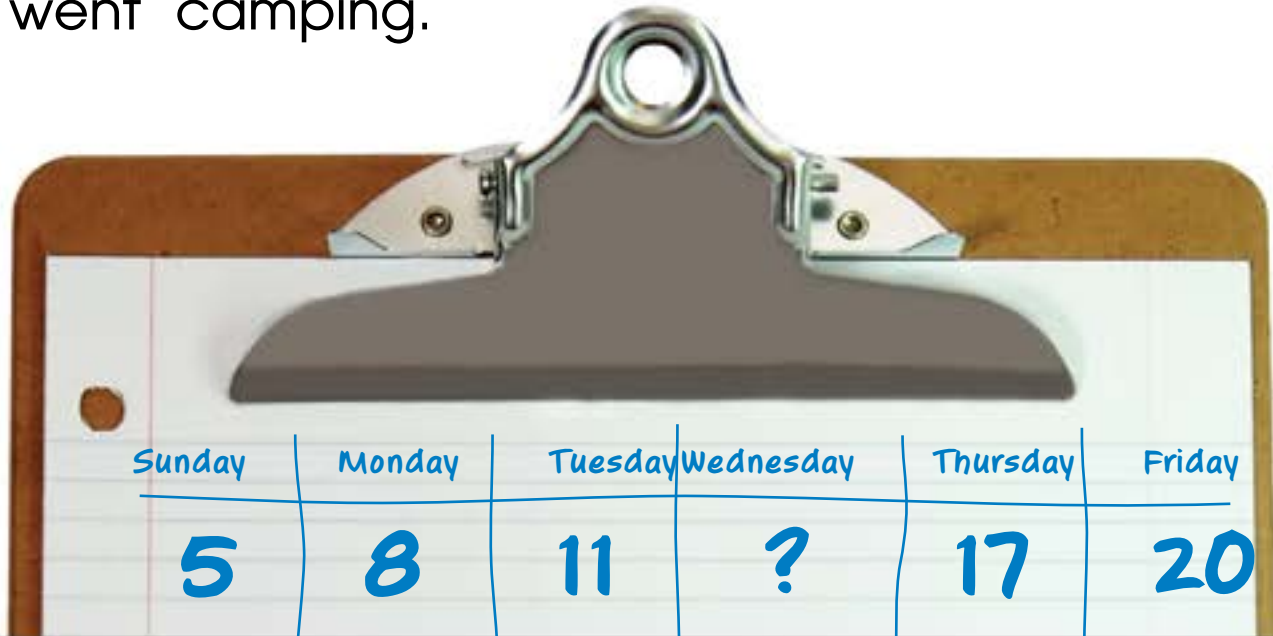
Can you describe the pattern?  
What number is next? The next  
number is 52 because each  
number is 10 more.



▲ This pattern grows.


## What Is Missing?

You can find patterns almost anywhere!  
We saw this pattern when we went camping.



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
5	8	11	?	17	20

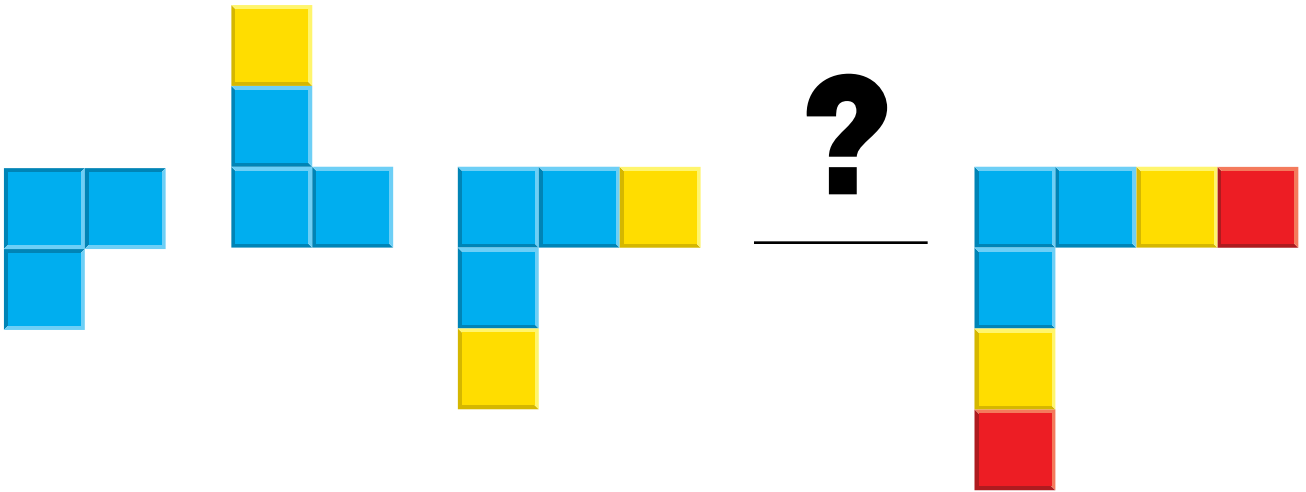
- ▲ We wrote how many birds we saw each morning.



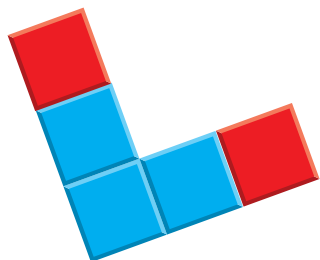
Every morning we watched  
for birds. Each day we saw 3  
more birds than the day before.  
Do you know how many birds  
we saw on Wednesday morning?



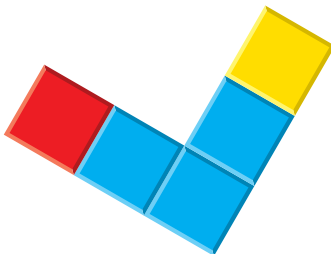
Look at this pattern. Something is missing. Do you know which part is missing?



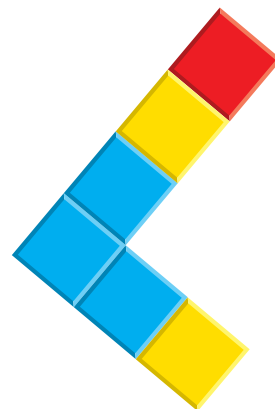
Which of these parts belongs in the pattern? You can use numbers to help find the missing part.



?



?



?