

Learning Target: Describe, extend, and complete number patterns.



Explore and Grow

Describe the number pattern. Tell how you can find the missing numbers. Write the missing numbers.

18, 19, 20, 21, _____, _____

105, 106, 107, 108, _____, _____

25, 35, 45, 55, _____, _____

70, 75, 80, 85, _____, _____

100, _____, 80, 70, _____, 50

Create your own number pattern. Have your partner extend the pattern.

Think and Grow

This pattern starts at 15. Each number is 5 more.

15, 20, 25, 30, 35, 40, 45



This pattern starts at 90. Each number is 10 less.

90, 80, 70, 60, 50, 40, 30



Show and Grow

Extend the pattern. Write the missing numbers.

1. 2, 4, 6, 8, _____, _____, _____

2. 31, 41, 51, 61, _____, _____, _____

3. 90, 89, 88, 87, _____, _____, _____

4. 10, 25, 40, 55, _____, _____, _____

5. 120, 100, 80, 60, _____, _____, _____

Name _____



Apply and Grow: Practice

Extend the pattern. Write the missing numbers.

6. 11, 13, 15, 17, _____, _____, _____

7. 75, 80, 85, 90, _____, _____, _____


8. 54, 64, 74, 84, _____, _____, _____

9. 110, 100, 90, 80, _____, _____, _____

Complete the pattern. Write the missing numbers.

10. 27, 37, _____, 57, _____, _____, 87

11. 98, _____, 102, 104, _____, 108, _____

12.  **Structure** Start a pattern with a number between 25 and 35. Then add 3 to each number to write the next 6 numbers.

_____, _____, _____, _____, _____, _____, _____



Think and Grow: Modeling Real Life

The tables show when trains arrive at 2 stations. The times at each station show a pattern. Complete each pattern.

At which station is a train arriving in 60 minutes?

Station A

Station B

Station A	Station B
12 minutes	14 minutes
24 minutes	28 minutes
_____ minutes	42 minutes
_____ minutes	_____ minutes
_____ minutes	_____ minutes
72 minutes	_____ minutes
84 minutes	98 minutes

Show and Grow

13. The numbers on the raffle tickets show a pattern. Complete the pattern to find the missing ticket numbers.



Missing ticket numbers: _____, _____, _____

Is 62 one of the ticket numbers?

Yes

No

Learning Target: Describe, extend, and complete number patterns.

This pattern starts at 56. Each number is 2 more.



56, 58, 60, 62, 64, 66, 68

Extend the pattern. Write the missing numbers.

1. 25, 30, 35, 40, _____, _____, _____

2. 32, 42, 52, 62, _____, _____, _____

3. 74, 73, 72, 71, _____, _____, _____

4. 15, 30, 45, 60, _____, _____, _____


5. 80, 70, 60, 50, _____, _____, _____

6. 96, 100, 104, 108, _____, _____, _____

Complete the pattern. Write the missing numbers.

7. 21, 23, _____, 27, _____, 31, _____

8. 99, _____, 79, _____, 59, 49, _____

9.  **Structure** Start a pattern with a number between 10 and 20. Then add 8 to each number to write the next 6 numbers.

_____, _____, _____, _____, _____, _____, _____

10. **Modeling Real Life** The bus numbers show a pattern. Some of the numbers are missing. Complete the pattern.

BUS STOP	
for bus numbers:	
16	
28	
76	
88	

Does Bus 64 stop here? Yes No

Review & Refresh

11. $3 + 3 = \underline{\hspace{2cm}}$

12. $5 + 5 = \underline{\hspace{2cm}}$