

Level 1 Unit 12 Math Patterns

A. Listening

- Listen and fill in the blanks to finish the story.

<Word box>

forever using next design pattern any number away

What is a pattern? Do you know? A pattern is a design. Let's make a pattern using numbers!

Here is the number 2. Let's make a pattern. First, put 2 and 2 together. $2 + 2 = 4$. Now, let's add another 2. $2 + 2 + 2 = 6$.

Let's add another 2! $2 + 2 + 2 + 2 = 8$. What is the pattern? Can you see it? It is 2, 4, 6, 8, 10, 12, and so on. It could go on forever! Each number is 2 away from the next. That is the pattern!



Here is the number 3. Let's make a pattern. $3 + 3 = 6$. $3 + 3 + 3 = 9$. The pattern is 3, 6, 9, 12, 15, and so on.

It could go on forever! Each number is 3 away from the next. Patterns can be made using any number!

B. Vocabulary

- Circle the word that makes more sense in the sentence.

- I like the ~~what~~ design of this book.
- This work never ends. It goes on forever / use.
- We have finished this problem, so let's do the next / here one.
- I need to take a bus to go home because I live far ~~any~~ away.
- Ten, twenty, thirty, forty, fifty, and ~~from~~ so on.
- The storm is coming fast so we need to go inside now / away.

● Circle the answers.

1. Which one means every single one of something?
a. forever **b. each** c. next
2. Which one means whichever?
a. each b. pattern **c. any**
3. Which one is never ending?
a. forever b. from c. design
4. Which one can be used to count things?
a. numbers b. uses c. designs
5. Which one means in this place?
a. away **b. here** c. forever
6. Which one is a design?
a. a pattern b. a use c. any

C. Speaking

- Complete the patterns with a partner and write your answers. Share with the class and talk about why your answers are correct.

1. $2 + 2 = 4$, $2 + 3 = 5$, $2 + 4 = 6$, $2 + 5 = 7$, $2 + 6 = 8$, 2 + 7 = 9.
2. 1, 3, 5, 7, 9, 11, 13, 15.
3. 14, 12, 10, 8, 6, 4, 2.
4. 5, 10, 15, 20, 25, 30.
5. $1 + 1 = 2$, $3 + 3 = 6$, $5 + 5 = 10$, $7 + 7 = 14$, $9 + 9 = 18$, 11 + 11 = 22.
6. $1 + 1 = 2$, $2 + 2 = 4$, $3 + 3 = 6$, $4 + 4 = 8$, 5 + 5 = 10.