

Subject: Mathematics

Class: 2

Topic: Shape Counting

Levels: Basic, Intermediate, Advanced

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Level: Basic

1. Count the number of Triangles: ▲▲▲▲▲ . Answer: \_\_\_\_\_

2. How many Circles (●) are used to make this pattern? ●●●●●● . Answer: \_\_\_\_\_

3. Count the Stars: ★★ ★★ ★★ ★★ . Answer: \_\_\_\_\_

4. Identify and count the Squares: ■ ■ ■ . Answer: \_\_\_\_\_

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Level: Intermediate

1. In this row [ ▲ ● ■ ▲ ● ■ ▲ ], how many Triangles (▲) do you see? Answer: \_\_\_\_
2. Aarav drew a house using 1 Triangle for the roof and 4 Squares for windows. Total shapes used: \_\_\_\_
3. Count the Hearts (♥) and Stars (★) together: ♥ ★ ♥ ★ ♥ ★ . Answer: \_\_\_\_\_
4. Which shape appears 5 times? [ ● ● ● ● ● ★ ★ ★ ]. Answer: \_\_\_\_\_

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Level: Advanced

1. Look at this pattern: ▲ ■ ● ▲ ■ ● ▲ ■ ● . If you add 3 more shapes to continue the pattern, how many Triangles (▲) will there be in total? Answer: \_\_\_\_
2. How many corners do 3 Triangles (▲) have in total? (Hint: 1 triangle has 3 corners).  
Answer: \_\_\_\_
3. Draw a pattern using 4 Circles (●), 2 Squares (■), and 1 Sun (\*). Total shapes: \_\_\_\_
4. Challenge: Count the total sides of these shapes: ▲ and ■ . Total sides: \_\_\_\_