

Subject: Mathematics

Class: 3

Topic: Pictographs

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Aarav's stickers: ★ ★ ★ ★ ★. How many stickers does Aarav have? _____
2. Laddoos in a box: ● ● ● ● ● ●. How many laddoos are there? _____
3. Flowers in Diya's garden: ✿ ✿ ✿. How many flowers did Diya plant? _____
4. Rainy days in July: ▲ ▲ ▲ ▲. How many days did it rain? _____
5. Number of sunny days: ✨ ✨ ✨ ✨ ✨ ✨ ✨. Count and write: _____
6. If ★ means 1 star, draw symbols for 4 stars: _____
7. In a pictograph, if ● means 1 ball, how many balls do ● ● ● show? _____
8. Which is more? (✿ ✿ ✿ ✿) or (✿ ✿)? _____
9. How many more triangles are there? (▲ ▲ ▲ ▲ ▲) than (▲ ▲ ▲)? _____
10. True or False: A pictograph uses pictures to show data. _____

Subject: Mathematics

Class: 3

Topic: Pictographs

Levels: Basic, Intermediate, Advanced

Level: Intermediate

1. Key: 1 🌸 = 2 Flowers. How many flowers do 🌸 🌸 🌸 show? _____
2. Key: 1 ● = 5 Marbles. Rahul has ● ● ●. How many marbles does he have? _____
3. Key: 1 ✨ = 10 Days. If a graph shows ✨ ✨, how many days is that? _____
4. A shop sold 8 cricket bats. If 1 ▲ = 2 bats, how many ▲ should we draw? _____
5. If 1 ♥ = 2 laddoos, how many laddoos do ♥ ♥ ♥ ♥ show? _____
6. Key: 1 ★ = 4 Marks. Kabir got ★ ★. What is his total score? _____
7. Draw symbols for 6 apples if 1 ● = 2 apples: _____
8. Key: 1 ☂ = 3 rainy days. How many days do ☂ ☂ show? _____
9. If 1 🌺 = 5 plants, how many plants are shown by 🌺 🌺 🌺 🌺? _____
10. A graph shows 15 cars using 1 ▲ = 5 cars. How many ▲ are drawn? _____

Subject: Mathematics

Class: 3

Topic: Pictographs

Levels: Basic, Intermediate, Advanced

Level: Advanced

1. Key: 1 🍀 = 10 bees. Garden A has 🍀 🍀 and Garden B has 🍀 🍀 🍀. Total bees? _____
2. Key: 1 ● = 5 kg rice. Shop A sold ● ● ● and Shop B sold ● ●. Difference in kg? _____
3. If 1 ★ = 2 children, how many ★ are needed for a class of 24 children? _____
4. Key: 1 ▲ = 4 wheels. A graph shows 12 wheels for autos. How many ▲ are there? _____
5. Sita has 🍀 🍀 🍀 and Gita has 🍀 🍀 🍀 🍀 🍀. If 1 🍀 = 2 books, how many more books does Gita have? _____
6. Total students: Monday (✳ ✳ ✳) and Tuesday (✳ ✳). If 1 ✳ = 10 students, find total. _____
7. Key: 1 ♥ = 5 points. To show 25 points, how many ♥ do we need? _____
8. If 1 ▲ = 2 hours of rain, how many ▲ are needed for 9 hours? (Hint: use half symbols)

9. A graph shows 40 trees using 1 🍀 = 8 trees. If 2 more 🍀 are added, new total? _____
10. Challenge: Create a key to show 100 items using only 5 symbols. 1 Symbol = _____