



Probability and Data

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Each star symbol equal 10 points on the pictograph chart.

Rewrite: _____

2. Fix the sentence: More than half the pie was blue, so blue is the smaller group.

Rewrite: _____

3. Fix the sentence: Column C has fewer marks than D, so C win the tally race.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. If each car icon means 3 cars, then 7 icons show _____ cars total.
2. A pie chart with 5 equal slices gives each slice _____ percent of the whole.
3. Tally column X shows 15 and Y shows 9, so X leads Y by _____ marks.
4. One quarter of a pie chart of 32 students stands for _____ students.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. How can comparing two tally columns quickly show which group is bigger?

2. Why do equal slices in a pie chart help you predict percentages?

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Rewrite: **Each star symbol equals 10 points on the pictograph chart.**

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Rewrite: **More than half the pie was blue, so blue is the larger group.**

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Rewrite: **Column C has fewer marks than D, so D wins the tally race.**

Part B: Fill in the Blank

Write the missing word or number on each line.

1. If each car icon means 3 cars, then 7 icons show 21 cars total.
2. A pie chart with 5 equal slices gives each slice 20 percent of the whole.
3. Tally column X shows 15 and Y shows 9, so X leads Y by 6 marks.
4. One quarter of a pie chart of 32 students stands for 8 students.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. How can comparing two tally columns quickly show which group is bigger?

Count each column's marks, then subtract the smaller from the larger to find the difference and identify the bigger group.

2. Why do equal slices in a pie chart help you predict percentages?

Equal slices each get the same share of one hundred percent, so dividing by the slice count gives each slice's value.
