ZiloAcademy

✨ Grade 9 Maths — Sampling ✨

Name: Demo **Date:** 26/11/2026

1. What sampling method is each scenario (simple random / systematic / stratified / convenience)? (Separate your two answers with a comma.) 1) A researcher numbers every patient file and uses a random number generator to choose 40 2) A researcher surveys every 12th caller to a helpline

2. What sampling method is each scenario (simple random / systematic / stratified / convenience)? (Separate your two answers with a comma.) 1) A researcher only surveys people who visit their own social media page 2) A researcher only surveys their own friends about a school-wide issue

3. What sampling method is each scenario (simple random / systematic / stratified / convenience)? (Separate your two answers with a comma.) 1) A researcher inspects every 25th box leaving a warehouse 2) A researcher uses a computer to generate 35 random student ID numbers from the full enrolment database

4. What sampling method is each scenario (simple random / systematic / stratified / convenience)? (Separate your two answers with a comma.) 1) A researcher splits a city into suburbs and randomly selects households from each suburb 2) A researcher surveys every 15th shopper leaving a supermarket

5. A researcher places all student ID numbers in a barrel and draws out 40 at random. What sampling method is this? (simple random / systematic / stratified / convenience)

6. A researcher picks every 20th product off a factory conveyor belt to inspect. What sampling method is this? (simple random / systematic / stratified / convenience)

7. What sampling method is each scenario (simple random / systematic / stratified / convenience)? (Separate your two answers with a comma.) 1) A researcher surveys every 10th person on a class roll 2) A researcher only surveys shoppers who stop at their stall because it is closest to the entrance

8. A researcher uses a random number table to select 25 students from a complete enrolment list. What sampling method is this? (simple random / systematic / stratified / convenience)

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What sampling method is each scenario (simple random / systematic / stratified / convenience)? (Separate your two answers with a comma.) 1) A researcher divides a sports club into age divisions and randomly selects members from each division 2) A researcher assigns each shopper a raffle ticket and draws 20 tickets from a barrel

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A researcher surveys every 7th email in the company inbox. What sampling method is this? (simple random / systematic / stratified / convenience)