ZiloAcademy

✨ Grade 10 Maths — Two-Way Tables ✨

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

1. Plays sport & learns an instrument: 10; plays sport only: 16; instrument only: 20; neither: 5. Find P(learns an instrument | plays sport) as a fraction in simplest form.

2. Plays sport & learns an instrument: 14; plays sport only: 12; instrument only: 19; neither: 14. Find P(plays sport | learns an instrument) as a fraction in simplest form.

3. Plays sport & learns an instrument: 10; plays sport only: 14; instrument only: 5; neither: 16. Find P(learns an instrument | plays sport) as a fraction in simplest form.

4. Plays sport & learns an instrument: 10; plays sport only: 4; instrument only: 9; neither: 20. A student is chosen at random. Find P(plays sport) as a fraction in simplest form.

5. Plays sport & learns an instrument: 9; plays sport only: 3; instrument only: 5; neither: 16. Find P(plays sport | learns an instrument) as a fraction in simplest form.

6. Plays sport & learns an instrument: 16; plays sport only: 7; instrument only: 5; neither: 15. A student is chosen at random. Find P(plays sport) as a fraction in simplest form.

7. Plays sport & learns an instrument: 15; plays sport only: 9; instrument only: 16; neither: 17. Find P(plays sport | learns an instrument) as a fraction in simplest form.

8. Plays sport & learns an instrument: 7; plays sport only: 14; instrument only: 18; neither: 20. Find P(learns an instrument | plays sport) as a fraction in simplest form.

9. Plays sport & learns an instrument: 5; plays sport only: 6; instrument only: 13; neither: 20. A student is chosen at random. Find P(plays sport) as a fraction in simplest form.

10. Plays sport & learns an instrument: 12; plays sport only: 13; instrument only: 8; neither: 11. A student is chosen at random. Find P(neither) as a fraction in simplest form.