ZiloAcademy

✨ Grade 9 Maths — Conditional Situations ✨

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

1. In a class of 48 students, 27 play sport. Of those, 5 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

2. In a class of 24 students, 8 play sport. Of those, 3 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

3. In a class of 20 students, 7 play sport. Of those, 6 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

4. In a class of 60 students, 18 play sport. Of those, 2 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

5. In a class of 60 students, 28 play sport. Of those, 10 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

6. In a class of 60 students, 34 play sport. Of those, 2 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

7. In a class of 24 students, 7 play sport. Of those, 2 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

8. In a class of 20 students, 9 play sport. Of those, 3 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

9. In a class of 20 students, 11 play sport. Of those, 6 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?

10. In a class of 36 students, 21 play sport. Of those, 6 also play a musical instrument. What is P(plays an instrument | plays sport), as a fraction in simplest form?