ZiloAcademy

✨ Grade 10 Maths — Ratio & Proportion ✨

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

1. 5 workers take 12 days to build a fence. Working at the same rate, how many days would 12 workers take?

2. 12 workers take 2 days to build a fence. Working at the same rate, how many days would 4 workers take?

3. y is directly proportional to x. When x = 8, y = 96. Find y when x = 5.

4. y is directly proportional to x. When x = 10, y = 50. Find y when x = 17.

5. 15 workers take 4 days to build a fence. Working at the same rate, how many days would 6 workers take?

6. $527 is shared between Ava, Ben and Chloe in the ratio 5 : 6 : 6. How much does Ben receive? (number only)

7. **18** workers take **2** days to build a fence. Working at the same rate, how many days would **3** workers take?

8. **3** workers take **40** days to build a fence. Working at the same rate, how many days would **6** workers take?

9. y is directly proportional to x. When x = 10, y = 110. Find y when x = 15.

10. **5** workers take **18** days to build a fence. Working at the same rate, how many days would **18** workers take?