

Math 7 - Worksheet 4-3B - Rationals**Solve each equation. Check your solution. Graph each solution on a number line.**

1. $\frac{2}{9}u = \frac{1}{3}$

2. $\frac{-4}{5}s = \frac{4}{6}$

3. $\frac{1}{8}q = \frac{1}{4}$

4. $28 + 5.6a = 50.4$

5. $13.2 + 3.3v = 23.1$

6. $38.8 - 9.7t = -67.9$

7. $4x + 15 = 36.6$

8. $-2t - 4 = 9.2$

9. $3a - 13 = -33.4$

10. $11t + \frac{1}{5} = \frac{4}{9}$

11. $7q - \frac{1}{9} = \frac{4}{6}$

12. $17r + \frac{1}{8} = \frac{3}{7}$

13. $\frac{t}{16} - \frac{3}{4} = \frac{5}{8}$

14. $\frac{w}{24} + \frac{5}{6} = \frac{7}{12}$

15. $\frac{t}{16} + \frac{3}{4} = \frac{5}{8}$

16. $\frac{7m}{12} - \frac{1}{3} = \frac{5}{6}$

17. $\frac{13d}{16} - \frac{3}{4} = \frac{7}{8}$

18. $\frac{3c}{32} + \frac{1}{8} = \frac{11}{16}$