

Week 3&4 Quiz

1. Train A: 38 mph
Train B: 52 mph

2. $\frac{v-4}{v}$

3. $\frac{99}{10}$, or $9\frac{9}{10}$

4. $\frac{(z+6)(z+2)}{z}$

5. $\frac{b-1}{2(b-7)}$

6. -1, -2

7. $\frac{p-8}{p+8}$

8. $\frac{b}{f}$

9. $147z^5$

10. 0

11. B

12. $6\frac{3}{4}$, $21\frac{1}{5}$

13. $\frac{z^2 + 3zu + u^2}{z^2u^2}$

14. $\frac{13}{v+6}$

15. $\frac{3x-7}{7x}$

16. 14

17. $\frac{348c}{35(c-7)}$

18. $\frac{-2c^2}{(t+c)(t-c)}$

19. $\frac{v(v+12)}{v^2-64}$

20. $\frac{7}{4}x^6r^3$

21. $4-49p^2$

22. B

23. $\frac{p+1}{3p+8}$