

Homework #11

Simplify

1. $\frac{x}{5} + \frac{x}{3}$

2. $\frac{k}{5} \times \frac{k}{3}$

3. $\frac{x}{4} \div \frac{x}{2}$

4. $\frac{x}{8} - \frac{x}{2}$

5. $\frac{x}{y} \times y$

6. $\frac{2x}{5} \times \frac{10}{x^2}$

7. $\frac{7x}{3} - 4x$

8. $8x \div \frac{x}{2}$

9. $\frac{x}{4} - \frac{3x-1}{2}$

10. $\frac{2}{x^2} + \frac{3}{x}$

11. $\frac{9x+12}{3}$

12. $\frac{x^2+5x+4}{x+1}$

13. $\frac{x-2}{x^2+2x-8}$

14. $\frac{x^3+x^2}{x^2+7x}$

15. $\frac{x^2-3x-18}{x-6}$

16. $\frac{x-3}{x^2-9}$