Reduce each fraction completely:

1. $\frac{28}{68}$ 2. $\frac{26}{39}$ 3. $\frac{42}{63}$ 4. $\frac{90}{105}$

5. $\frac{kx}{kx}$ 6. $\frac{3ab}{6a^2}$ 7. $\frac{15w^3x^4}{36wx^6}$

Perform the indicated operations. Write your final answer in lowest terms:

8. $\frac{7}{9}-\frac{5}{6}$ 9. $\frac{7}{9}\div\frac{5}{6}$ 10. $\frac{15}{4}\cdot\frac{14}{45}$ 11. $\frac{4}{a}\cdot\frac{a}{10}$

12. $\frac{4}{a}+\frac{2}{5a}$ 13. $\frac{5}{2x}-\frac{3}{4}$ 14. $\frac{7x^2}{2y}\cdot\frac{4}{x}$ 15. $\frac{8bc}{9a}\div\frac{b^2}{6ac}$

16. $\left(-\frac{1}{3}\right)(-42x)$ 17. $\frac{3x}{5y}\div\frac{12}{25y^2}$

18. $\frac{3x}{5y}+\frac{12}{25y^2}$ 19. $\frac{5}{14}+\frac{2}{49}$

20. $\frac{9xw}{5}\div(-3w^2)$ 21. $\frac{2}{5}(10a-20b)$

22. $-\frac{9}{4}(16x-8y-12)$ 23. $\frac{3}{14x}+\frac{5}{2x^2}$

24. $\frac{2x}{w}+\frac{w}{2x}$