1. Add. Write the answer with all exponents positive. $x^{-1}y^2 + 7z^{-2}$

2. Add. Write the answer with all exponents positive. $x^{-1}y^3z^2 + wy^2z$

3. Add. Write the answer with all exponents positive. $x^{-2}y^3 + 6z^{-1}$

4. Add. Write the answer with all exponents positive. $x^{-1}y^2z^3 + w^3y^3z$

5. Add. Write the answer with all exponents positive. $x^{-2}y^3 + 8z^{-3}$

6. Add. Write the answer with all exponents positive. $x^2y^{-1}z^{-3} + w^{-1}y^{-2}z^{-2}$

7. Add. Write the answer with all exponents positive. $xy^{-2} + 5z^{-1}$

8. Add. Write the answer with all exponents positive. $x^3y^{-2}z^{-1} + w^{-2}y^{-1}z^{-3}$

9. Add. Write the answer with all exponents positive. $x^3y^{-3} + 4z^{-2}$

10. Add. Write the answer with all exponents positive. $x^{-3}y^2z^{-1} + w^2yz^{-3}$

11. Add. Write the answer with all exponents positive. $xy^{-1} + 3z^{-3}$

12. Add. Write the answer with all exponents positive. $x^{-2}yz^{-3} + w^2y^3z^{-2}$

13. Represent the following numbers as being members of set M:
–4, –3, –8, –6, –6, –4, –6, –9, –2, –5, –1, –2, –7

14. Given the sets $A = \{-1, 3, 7, 9\}$, $B = \{3, 9\}$, and $C = \{-1, 1, 3, 5\}$, tell which of the following statements are true and which are false.

    a) $3 \in B$ b) $5 \notin C$ c) $9 \notin B$ d) $1 \in B$

Graph:

15. $x - y = 4$

16. Graph: $x-2y = 2$

Simplify:

17. $\dfrac{\dfrac{1}{q+r}}{\dfrac{1}{s}}$

18. $\dfrac{\dfrac{h}{d}}{\dfrac{e}{d+h}}$

19. $\dfrac{u+v}{\dfrac{1}{w}}$

20. $\dfrac{\dfrac{d}{w}}{\dfrac{x}{w+d}}$

21. $\dfrac{\dfrac{1}{e+f}}{\dfrac{1}{g}}$

22. $\dfrac{\dfrac{c}{r}}{\dfrac{s}{r+c}}$

23. Solve the system by the substitution method.

$$x = 5y+8$$
$$7x+y = 92$$

24. Solve the system by the substitution method.

$$x = 2y + 9$$
$$5x + y = -32$$

25. Solve the system by the substitution method.

$$x = 6y + 6$$
$$3x + y = 56$$

26. Simplify. Write the answer with all positive exponents. $\dfrac{-125x^3y^{-2}(x)^{-2}y^4x^2y^{-2}}{(-5x^0)^2x^6y^{-2}(2x^{-3}y)^0}$

27. Use six unit multipliers to convert 33 cubic centimeters to cubic feet.