Use the Distributive Property to simplify each expression.

1. 3(h - 5)  
2. 7(-5 + m)  
3. (6 + 9v)6  
4. (5n + 3)12  
5. 20(8 - a)  
6. 15(3y - 5)  
7. 21(2x + 4)  
8. (7 + 6w)6  
9. (14 - 9p)1.1  
10. (2b - 10)3.2  
11. \(\frac{1}{3}(3z + 12)\)  
12. \(4(\frac{1}{2}t - 5)\)  
13. \((-5x - 14)(5.1)\)  
14. \(1\left(-\frac{1}{2}r - \frac{5}{7}\right)\)  
15. 10(6.85j + 7.654)  
16. \(\frac{2}{3}\left(\frac{2}{3}m - \frac{2}{3}\right)\)

Write each fraction as a sum or difference.

17. \(\frac{3n + 5}{7}\)  
18. \(\frac{14 - 6x}{19}\)  
19. \(\frac{3d + 5}{6}\)  
20. \(\frac{9p - 6}{3}\)  
21. \(\frac{18 + 8z}{6}\)  
22. \(\frac{15n - 42}{14}\)  
23. \(\frac{56 - 28w}{8}\)  
24. \(\frac{81f + 63}{9}\)

Simplify each expression.

25. \(-14 + x\)  
26. \(-(-8 - 6t)\)  
27. \(-6 + d\)  
28. \(-(-r + 1)\)  
29. \(-4m - 6n\)  
30. \(-(5.8a + 4.2b)\)  
31. \(-x + y - 1\)  
32. \(-f + 3g - 7\)

Use mental math to find each product.

33. 3.2 \times 3  
34. 5 \times 8.2  
35. 149 \times 2  
36. 6 \times 397  
37. 4.2 \times 5  
38. 4 \times 10.1  
39. 8.25 \times 4  
40. 11 \times 4.1

41. You buy 75 candy bars at a cost of $0.49 each. What is the total cost of 75 candy bars? Use mental math.

42. The distance around a track is 400 m. If you take 14 laps around the track, what is the total distance you walk? Use mental math.

43. There are 32 classmates that are going to the fair. Each ticket costs $19. What is the total amount the classmates spend for tickets? Use mental math.