



Expand each expression.

1) $-\frac{4}{7}(-\frac{3}{7}b - \frac{6}{8})$

2) $-\frac{4}{9}(-\frac{3}{6}c - \frac{2}{2})$

3) $-\frac{2}{6}(-\frac{1}{4}d - \frac{1}{6})$

4) $-\frac{4}{6}(\frac{2}{8}e + \frac{6}{9})$

5) $\frac{4}{9}(\frac{2}{4}f + \frac{3}{9})$

6) $\frac{3}{7}(\frac{4}{7}g + \frac{6}{3})$

7) $-\frac{4}{9}(\frac{1}{4}h + \frac{1}{4})$

8) $\frac{4}{5}(\frac{5}{8}i + \frac{6}{5})$

9) $-\frac{3}{5}(-\frac{1}{2}j - \frac{1}{7})$

10) $-\frac{4}{9}(\frac{2}{5}k + \frac{3}{6})$

11) $\frac{4}{9}(\frac{2}{5}m + \frac{1}{5})$

12) $-\frac{4}{9}(\frac{1}{3}n - \frac{2}{4})$

13) $\frac{2}{9}(\frac{1}{9}p - \frac{8}{8})$

14) $-\frac{2}{6}(-\frac{1}{9}r - \frac{7}{4})$

15) $-\frac{2}{4}(\frac{1}{4}t + \frac{1}{8})$

16) $\frac{2}{4}(\frac{1}{3}u - \frac{2}{7})$

17) $\frac{2}{5}(\frac{3}{6}v + \frac{3}{4})$

18) $\frac{2}{4}(\frac{5}{6}w + \frac{3}{5})$

19) $-\frac{3}{9}(-\frac{1}{3}y - \frac{2}{8})$

20) $\frac{4}{6}(\frac{1}{4}z + \frac{2}{3})$

Answers

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Answers

1. $\frac{12}{49}b + \frac{24}{56}$

2. $\frac{12}{54}c + \frac{8}{18}$

3. $\frac{2}{24}d + \frac{2}{36}$

4. $-\frac{8}{48}e - \frac{24}{54}$

5. $\frac{8}{36}f + \frac{12}{81}$

6. $\frac{12}{49}g + \frac{18}{21}$

7. $-\frac{4}{36}h - \frac{4}{36}$

8. $\frac{20}{40}i + \frac{24}{25}$

9. $\frac{3}{10}j + \frac{3}{35}$

10. $-\frac{8}{45}k - \frac{12}{54}$

11. $\frac{8}{45}m + \frac{4}{45}$

12. $-\frac{4}{27}n + \frac{8}{36}$

13. $\frac{2}{81}p - \frac{16}{72}$

14. $\frac{2}{54}r + \frac{14}{24}$

15. $-\frac{2}{16}t - \frac{2}{32}$

16. $\frac{2}{12}u - \frac{4}{28}$

17. $\frac{6}{30}v + \frac{6}{20}$

18. $\frac{10}{24}w + \frac{6}{20}$

19. $\frac{3}{27}y + \frac{6}{72}$

20. $\frac{4}{24}z + \frac{8}{18}$