



Expand each expression.

1) $\frac{3}{4}(\frac{1}{4}b + \frac{1}{4})$

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

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

4) $-\frac{4}{5}(\frac{6}{9}e - \frac{7}{9})$

5) $\frac{3}{7}(\frac{4}{7}f - \frac{5}{8})$

6) $-\frac{4}{9}(-\frac{1}{2}g - \frac{1}{9})$

7) $\frac{4}{7}(\frac{2}{8}h - \frac{2}{2})$

8) $\frac{2}{6}(\frac{1}{2}i - \frac{1}{3})$

9) $-\frac{3}{9}(-\frac{4}{9}j - \frac{7}{4})$

10) $\frac{4}{8}(\frac{2}{8}k + \frac{6}{5})$

11) $-\frac{3}{5}(\frac{1}{2}m + \frac{1}{4})$

12) $-\frac{4}{9}(\frac{7}{9}n + \frac{4}{2})$

13) $-\frac{3}{4}(\frac{8}{9}p - \frac{2}{2})$

14) $\frac{2}{9}(\frac{2}{4}r - \frac{3}{8})$

15) $-\frac{3}{7}(\frac{1}{4}t - \frac{2}{4})$

16) $\frac{4}{6}(\frac{3}{4}u + \frac{1}{2})$

17) $-\frac{4}{8}(\frac{4}{5}v - \frac{3}{5})$

18) $-\frac{3}{4}(-\frac{5}{7}w - \frac{4}{4})$

19) $-\frac{3}{7}(\frac{3}{4}y + \frac{2}{8})$

20) $-\frac{3}{5}(-\frac{8}{9}z - \frac{4}{5})$

Answers

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Answers

1. $\frac{3}{16}b + \frac{3}{16}$

2. $\frac{18}{54}c - \frac{6}{18}$

3. $\frac{8}{81}d - \frac{4}{18}$

4. $-\frac{24}{45}e + \frac{28}{45}$

5. $\frac{12}{49}f - \frac{15}{56}$

6. $\frac{4}{18}g + \frac{4}{81}$

7. $\frac{8}{56}h - \frac{8}{14}$

8. $\frac{2}{12}i - \frac{2}{18}$

9. $\frac{12}{81}j + \frac{21}{36}$

10. $\frac{8}{64}k + \frac{24}{40}$

11. $-\frac{3}{10}m - \frac{3}{20}$

12. $-\frac{28}{81}n - \frac{16}{18}$

13. $-\frac{24}{36}p + \frac{6}{8}$

14. $\frac{4}{36}r - \frac{6}{72}$

15. $-\frac{3}{28}t + \frac{6}{28}$

16. $\frac{12}{24}u + \frac{4}{12}$

17. $-\frac{16}{40}v + \frac{12}{40}$

18. $\frac{15}{28}w + \frac{12}{16}$

19. $-\frac{9}{28}y - \frac{6}{56}$

20. $\frac{24}{45}z + \frac{12}{25}$