



Expand each expression.

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

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

3) $\frac{2}{7}(\frac{1}{5}d + \frac{3}{7})$

4) $\frac{2}{9}(\frac{2}{3}e + \frac{1}{9})$

5) $\frac{2}{6}(\frac{5}{7}f + \frac{5}{7})$

6) $-\frac{4}{6}(-\frac{3}{8}g - \frac{6}{9})$

7) $\frac{2}{7}(\frac{5}{8}h - \frac{5}{6})$

8) $-\frac{4}{5}(\frac{8}{9}i - \frac{6}{2})$

9) $-\frac{4}{5}(\frac{1}{3}j + \frac{2}{6})$

10) $-\frac{4}{5}(-\frac{1}{3}k - \frac{2}{3})$

11) $-\frac{4}{9}(\frac{4}{7}m - \frac{1}{3})$

12) $\frac{4}{5}(\frac{5}{9}n - \frac{2}{7})$

13) $-\frac{3}{6}(\frac{1}{2}p + \frac{1}{6})$

14) $-\frac{3}{9}(\frac{3}{7}r + \frac{1}{5})$

15) $-\frac{3}{4}(\frac{6}{7}t + \frac{6}{3})$

16) $-\frac{3}{6}(-\frac{2}{4}u - \frac{1}{8})$

17) $-\frac{4}{7}(\frac{1}{2}v - \frac{1}{9})$

18) $-\frac{2}{9}(\frac{1}{6}w + \frac{4}{6})$

19) $\frac{2}{9}(\frac{1}{4}y + \frac{3}{8})$

20) $-\frac{2}{9}(-\frac{1}{8}z - \frac{5}{4})$

Answers

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Answers

1. $\frac{6}{45}b - \frac{6}{27}$

2. $\frac{4}{21}c - \frac{4}{14}$

3. $\frac{2}{35}d + \frac{6}{49}$

4. $\frac{4}{27}e + \frac{2}{81}$

5. $\frac{10}{42}f + \frac{10}{42}$

6. $\frac{12}{48}g + \frac{24}{54}$

7. $\frac{10}{56}h - \frac{10}{42}$

8. $-\frac{32}{45}i + \frac{24}{10}$

9. $-\frac{4}{15}j - \frac{8}{30}$

10. $\frac{4}{15}k + \frac{8}{15}$

11. $-\frac{16}{63}m + \frac{4}{27}$

12. $\frac{20}{45}n - \frac{8}{35}$

13. $-\frac{3}{12}p - \frac{3}{36}$

14. $-\frac{9}{63}r - \frac{3}{45}$

15. $-\frac{18}{28}t - \frac{18}{12}$

16. $\frac{6}{24}u + \frac{3}{48}$

17. $-\frac{4}{14}v + \frac{4}{63}$

18. $-\frac{2}{54}w - \frac{8}{54}$

19. $\frac{2}{36}y + \frac{6}{72}$

20. $\frac{2}{72}z + \frac{10}{36}$