



Expand each expression.

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

2) $-\frac{4}{7}(-\frac{2}{5}c - \frac{2}{8})$

3) $\frac{2}{3}(\frac{1}{5}d + \frac{2}{6})$

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

5) $-\frac{3}{9}(\frac{4}{7}f - \frac{2}{7})$

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

7) $\frac{2}{8}(\frac{4}{5}h - \frac{1}{9})$

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

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

10) $\frac{4}{9}(\frac{1}{2}k + \frac{1}{4})$

11) $-\frac{2}{3}(\frac{3}{9}m + \frac{4}{5})$

12) $-\frac{2}{4}(\frac{1}{7}n + \frac{1}{8})$

13) $\frac{3}{9}(\frac{1}{6}p - \frac{2}{9})$

14) $-\frac{4}{7}(-\frac{1}{3}r - \frac{2}{6})$

15) $\frac{3}{7}(\frac{5}{8}t + \frac{3}{8})$

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

17) $\frac{4}{6}(\frac{2}{7}v - \frac{6}{5})$

18) $-\frac{3}{7}(\frac{2}{3}w + \frac{1}{5})$

19) $-\frac{2}{4}(\frac{1}{3}y + \frac{2}{5})$

20) $-\frac{2}{9}(-\frac{1}{3}z - \frac{2}{6})$

Answers

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Answers

1. $-\frac{2}{27}b - \frac{2}{45}$

2. $\frac{8}{35}c + \frac{8}{56}$

3. $\frac{2}{15}d + \frac{4}{18}$

4. $\frac{24}{81}e + \frac{9}{81}$

5. $-\frac{12}{63}f + \frac{6}{63}$

6. $-\frac{16}{48}g - \frac{8}{48}$

7. $\frac{8}{40}h - \frac{2}{72}$

8. $\frac{21}{40}i + \frac{21}{15}$

9. $\frac{9}{54}j - \frac{6}{24}$

10. $\frac{4}{18}k + \frac{4}{36}$

11. $-\frac{6}{27}m - \frac{8}{15}$

12. $-\frac{2}{28}n - \frac{2}{32}$

13. $\frac{3}{54}p - \frac{6}{81}$

14. $\frac{4}{21}r + \frac{8}{42}$

15. $\frac{15}{56}t + \frac{9}{56}$

16. $\frac{4}{36}u + \frac{6}{12}$

17. $\frac{8}{42}v - \frac{24}{30}$

18. $-\frac{6}{21}w - \frac{3}{35}$

19. $-\frac{2}{12}y - \frac{4}{20}$

20. $\frac{2}{27}z + \frac{4}{54}$