



Expand each expression.

1) $-\frac{2}{8}(\frac{6}{9}b + \frac{4}{7})$

2) $\frac{4}{7}(\frac{1}{9}c + \frac{6}{4})$

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

4) $-\frac{2}{3}(\frac{1}{3}e + \frac{1}{8})$

5) $-\frac{3}{9}(\frac{3}{4}f - \frac{1}{8})$

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

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

8) $-\frac{2}{7}(-\frac{2}{3}i - \frac{1}{3})$

9) $\frac{4}{8}(\frac{1}{8}j + \frac{2}{9})$

10) $-\frac{2}{9}(\frac{1}{7}k - \frac{6}{4})$

11) $-\frac{2}{7}(\frac{1}{2}m - \frac{1}{6})$

12) $-\frac{2}{4}(\frac{4}{5}n + \frac{1}{9})$

13) $-\frac{2}{7}(-\frac{4}{5}p - \frac{4}{9})$

14) $\frac{2}{5}(\frac{1}{5}r + \frac{4}{4})$

15) $-\frac{3}{4}(\frac{1}{4}t - \frac{1}{5})$

16) $-\frac{2}{9}(\frac{6}{8}u - \frac{1}{5})$

17) $-\frac{4}{5}(-\frac{7}{8}v - \frac{3}{2})$

18) $-\frac{4}{7}(\frac{1}{2}w + \frac{1}{7})$

19) $-\frac{2}{5}(\frac{7}{8}y + \frac{7}{5})$

20) $-\frac{2}{7}(\frac{3}{5}z - \frac{1}{5})$

Answers

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Answers

1. $-\frac{12}{72}b - \frac{8}{56}$

2. $\frac{4}{63}c + \frac{24}{28}$

3. $\frac{4}{54}d + \frac{4}{36}$

4. $-\frac{2}{9}e - \frac{2}{24}$

5. $-\frac{9}{36}f + \frac{3}{72}$

6. $\frac{2}{36}g + \frac{4}{18}$

7. $-\frac{8}{63}h + \frac{28}{28}$

8. $\frac{4}{21}i + \frac{2}{21}$

9. $\frac{4}{64}j + \frac{8}{72}$

10. $-\frac{2}{63}k + \frac{12}{36}$

11. $-\frac{2}{14}m + \frac{2}{42}$

12. $-\frac{8}{20}n - \frac{2}{36}$

13. $\frac{8}{35}p + \frac{8}{63}$

14. $\frac{2}{25}r + \frac{8}{20}$

15. $-\frac{3}{16}t + \frac{3}{20}$

16. $-\frac{12}{72}u + \frac{2}{45}$

17. $\frac{28}{40}v + \frac{12}{10}$

18. $-\frac{4}{14}w - \frac{4}{49}$

19. $-\frac{14}{40}y - \frac{14}{25}$

20. $-\frac{6}{35}z + \frac{2}{35}$