



Expand each expression.

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

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

3) $-\frac{3}{8}(-\frac{5}{9}d - \frac{7}{4})$

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

5) $\frac{2}{8}(\frac{3}{8}f - \frac{3}{7})$

6) $-\frac{3}{7}(-\frac{2}{3}g - \frac{2}{4})$

7) $\frac{4}{8}(\frac{3}{5}h - \frac{2}{6})$

8) $\frac{3}{9}(\frac{1}{2}i - \frac{1}{7})$

9) $\frac{4}{8}(\frac{1}{5}j - \frac{4}{6})$

10) $-\frac{4}{5}(-\frac{7}{8}k - \frac{3}{9})$

11) $\frac{3}{5}(\frac{6}{7}m + \frac{1}{5})$

12) $\frac{2}{3}(\frac{3}{6}n - \frac{1}{5})$

13) $-\frac{2}{5}(\frac{4}{8}p + \frac{5}{9})$

14) $-\frac{2}{9}(\frac{1}{6}r + \frac{3}{4})$

15) $\frac{4}{8}(\frac{3}{5}t + \frac{2}{6})$

16) $-\frac{4}{5}(\frac{2}{6}u - \frac{3}{7})$

17) $-\frac{3}{4}(\frac{6}{7}v + \frac{4}{9})$

18) $-\frac{4}{6}(-\frac{2}{7}w - \frac{6}{3})$

19) $-\frac{2}{9}(\frac{1}{3}y + \frac{1}{6})$

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

Answers

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Answers

1. $\frac{16}{42}b + \frac{12}{21}$

2. $-\frac{6}{27}c - \frac{6}{45}$

3. $\frac{15}{72}d + \frac{21}{32}$

4. $\frac{4}{14}e + \frac{4}{49}$

5. $\frac{6}{64}f - \frac{6}{56}$

6. $\frac{6}{21}g + \frac{6}{28}$

7. $\frac{12}{40}h - \frac{8}{48}$

8. $\frac{3}{18}i - \frac{3}{63}$

9. $\frac{4}{40}j - \frac{16}{48}$

10. $\frac{28}{40}k + \frac{12}{45}$

11. $\frac{18}{35}m + \frac{3}{25}$

12. $\frac{6}{18}n - \frac{2}{15}$

13. $-\frac{8}{40}p - \frac{10}{45}$

14. $-\frac{2}{54}r - \frac{6}{36}$

15. $\frac{12}{40}t + \frac{8}{48}$

16. $-\frac{8}{30}u + \frac{12}{35}$

17. $-\frac{18}{28}v - \frac{12}{36}$

18. $\frac{8}{42}w + \frac{24}{18}$

19. $-\frac{2}{27}y - \frac{2}{54}$

20. $-\frac{9}{20}z - \frac{9}{36}$