



Expand each expression.

1) $\frac{3}{5}(\frac{3}{6}b - \frac{2}{8})$

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

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

4) $\frac{2}{4}(\frac{4}{6}e - \frac{1}{5})$

5) $-\frac{2}{3}(\frac{5}{6}f + \frac{5}{8})$

6) $-\frac{4}{5}(-\frac{1}{6}g - \frac{3}{9})$

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

8) $-\frac{2}{6}(\frac{2}{4}i + \frac{3}{7})$

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

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

11) $-\frac{4}{7}(\frac{4}{6}m + \frac{5}{8})$

12) $-\frac{4}{5}(-\frac{3}{6}n - \frac{1}{3})$

13) $-\frac{4}{8}(\frac{1}{3}p - \frac{2}{6})$

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

15) $\frac{3}{8}(\frac{1}{6}t - \frac{1}{9})$

16) $\frac{4}{8}(\frac{3}{8}u + \frac{3}{5})$

17) $-\frac{2}{9}(\frac{3}{7}v + \frac{6}{5})$

18) $\frac{2}{9}(\frac{1}{3}w - \frac{1}{3})$

19) $-\frac{3}{4}(-\frac{7}{8}y - \frac{1}{3})$

20) $-\frac{3}{8}(\frac{1}{2}z - \frac{1}{8})$

Answers

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Answers

1. $\frac{9}{30}b - \frac{6}{40}$

2. $\frac{4}{18}c + \frac{4}{63}$

3. $-\frac{6}{36}d - \frac{6}{36}$

4. $\frac{8}{24}e - \frac{2}{20}$

5. $-\frac{10}{18}f - \frac{10}{24}$

6. $\frac{4}{30}g + \frac{12}{45}$

7. $\frac{6}{15}h - \frac{6}{6}$

8. $-\frac{4}{24}i - \frac{6}{42}$

9. $\frac{9}{30}j + \frac{6}{15}$

10. $-\frac{4}{36}k + \frac{2}{36}$

11. $-\frac{16}{42}m - \frac{20}{56}$

12. $\frac{12}{30}n + \frac{4}{15}$

13. $-\frac{4}{24}p + \frac{8}{48}$

14. $-\frac{4}{14}r + \frac{4}{28}$

15. $\frac{3}{48}t - \frac{3}{72}$

16. $\frac{12}{64}u + \frac{12}{40}$

17. $-\frac{6}{63}v - \frac{12}{45}$

18. $\frac{2}{27}w - \frac{2}{27}$

19. $\frac{21}{32}y + \frac{3}{12}$

20. $-\frac{3}{16}z + \frac{3}{64}$