



Expand each expression.

1) $\frac{3}{4}(\frac{2}{6}b - \frac{2}{6})$

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

3) $\frac{2}{5}(\frac{3}{6}d + \frac{4}{9})$

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

5) $-\frac{4}{6}(\frac{1}{7}f - \frac{2}{9})$

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

7) $-\frac{4}{6}(\frac{8}{9}h + \frac{5}{7})$

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

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

10) $-\frac{2}{5}(\frac{7}{9}k + \frac{2}{7})$

11) $-\frac{3}{6}(\frac{4}{6}m + \frac{3}{2})$

12) $\frac{4}{7}(\frac{2}{3}n - \frac{1}{6})$

13) $-\frac{3}{4}(-\frac{1}{5}p - \frac{2}{3})$

14) $-\frac{3}{6}(-\frac{6}{8}r - \frac{4}{8})$

15) $\frac{2}{6}(\frac{2}{3}t - \frac{2}{6})$

16) $\frac{3}{9}(\frac{5}{7}u - \frac{3}{6})$

17) $\frac{4}{5}(\frac{3}{7}v - \frac{1}{5})$

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

19) $\frac{2}{3}(\frac{2}{9}y - \frac{1}{7})$

20) $\frac{4}{8}(\frac{2}{4}z + \frac{1}{6})$

Answers

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Answers

1. $\frac{6}{24}b - \frac{6}{24}$

2. $\frac{12}{64}c + \frac{10}{16}$

3. $\frac{6}{30}d + \frac{8}{45}$

4. $-\frac{3}{12}e + \frac{6}{28}$

5. $-\frac{4}{42}f + \frac{8}{54}$

6. $\frac{3}{10}g + \frac{3}{40}$

7. $-\frac{32}{54}h - \frac{20}{42}$

8. $\frac{2}{15}i - \frac{2}{9}$

9. $\frac{4}{10}j + \frac{4}{45}$

10. $-\frac{14}{45}k - \frac{4}{35}$

11. $-\frac{12}{36}m - \frac{9}{12}$

12. $\frac{8}{21}n - \frac{4}{42}$

13. $\frac{3}{20}p + \frac{6}{12}$

14. $\frac{18}{48}r + \frac{12}{48}$

15. $\frac{4}{18}t - \frac{4}{36}$

16. $\frac{15}{63}u - \frac{9}{54}$

17. $\frac{12}{35}v - \frac{4}{25}$

18. $-\frac{8}{30}w + \frac{4}{30}$

19. $\frac{4}{27}y - \frac{2}{21}$

20. $\frac{8}{32}z + \frac{4}{48}$