



Expand each expression.

1) $\frac{3}{4}(\frac{3}{9}b + \frac{2}{8})$

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

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

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

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

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

7) $\frac{2}{8}(\frac{1}{7}h + \frac{1}{6})$

8) $-\frac{2}{6}(\frac{3}{6}i + \frac{3}{9})$

9) $\frac{4}{9}(\frac{5}{6}j - \frac{2}{6})$

10) $-\frac{4}{8}(\frac{5}{6}k + \frac{2}{4})$

11) $-\frac{4}{7}(-\frac{1}{3}m - \frac{1}{9})$

12) $-\frac{3}{9}(\frac{7}{9}n + \frac{2}{2})$

13) $-\frac{4}{6}(-\frac{2}{6}p - \frac{3}{5})$

14) $-\frac{4}{9}(\frac{4}{9}r + \frac{3}{8})$

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

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

17) $\frac{2}{9}(\frac{1}{3}v - \frac{1}{4})$

18) $\frac{4}{9}(\frac{2}{7}w + \frac{2}{4})$

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

20) $\frac{3}{8}(\frac{5}{9}z - \frac{2}{7})$

Answers

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Answers

1. $\frac{9}{36}b + \frac{6}{32}$

2. $-\frac{3}{14}c + \frac{3}{14}$

3. $\frac{12}{28}d + \frac{10}{12}$

4. $-\frac{6}{36}e + \frac{21}{28}$

5. $\frac{16}{45}f + \frac{4}{72}$

6. $-\frac{2}{18}g + \frac{2}{6}$

7. $\frac{2}{56}h + \frac{2}{48}$

8. $-\frac{6}{36}i - \frac{6}{54}$

9. $\frac{20}{54}j - \frac{8}{54}$

10. $-\frac{20}{48}k - \frac{8}{32}$

11. $\frac{4}{21}m + \frac{4}{63}$

12. $-\frac{21}{81}n - \frac{6}{18}$

13. $\frac{8}{36}p + \frac{12}{30}$

14. $-\frac{16}{81}r - \frac{12}{72}$

15. $\frac{4}{32}t + \frac{6}{40}$

16. $\frac{8}{20}u - \frac{12}{15}$

17. $\frac{2}{27}v - \frac{2}{36}$

18. $\frac{8}{63}w + \frac{8}{36}$

19. $\frac{9}{49}y - \frac{6}{49}$

20. $\frac{15}{72}z - \frac{6}{56}$