



Expand each expression.

1) $-\frac{3}{8}\left(\frac{5}{6}b + \frac{5}{6}\right)$

2) $\frac{3}{9}\left(\frac{2}{3}c - \frac{1}{6}\right)$

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

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

5) $\frac{2}{7}\left(\frac{1}{2}f + \frac{1}{7}\right)$

6) $\frac{3}{5}\left(\frac{4}{8}g - \frac{3}{7}\right)$

7) $\frac{4}{5}\left(\frac{3}{9}h + \frac{5}{9}\right)$

8) $-\frac{4}{6}\left(\frac{2}{3}i - \frac{1}{2}\right)$

9) $-\frac{3}{4}\left(\frac{1}{2}j + \frac{1}{3}\right)$

10) $-\frac{3}{7}\left(\frac{6}{8}k - \frac{7}{7}\right)$

11) $-\frac{4}{5}\left(\frac{1}{2}m + \frac{1}{3}\right)$

12) $-\frac{3}{4}\left(-\frac{6}{9}n - \frac{7}{5}\right)$

13) $\frac{3}{8}\left(\frac{1}{2}p + \frac{1}{4}\right)$

14) $-\frac{3}{7}\left(-\frac{1}{2}r - \frac{1}{8}\right)$

15) $-\frac{4}{8}\left(\frac{1}{3}t - \frac{2}{8}\right)$

16) $-\frac{4}{5}\left(-\frac{1}{9}u - \frac{4}{8}\right)$

17) $-\frac{4}{8}\left(\frac{4}{5}v + \frac{3}{9}\right)$

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

19) $\frac{3}{9}\left(\frac{3}{5}y + \frac{4}{3}\right)$

20) $\frac{2}{9}\left(\frac{1}{5}z - \frac{2}{5}\right)$

Answers

1. _____

2. _____

3. _____

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Answers

1. $-\frac{15}{48}b - \frac{15}{48}$

2. $\frac{6}{27}c - \frac{3}{54}$

3. $\frac{4}{28}d - \frac{8}{20}$

4. $-\frac{2}{12}e - \frac{4}{24}$

5. $\frac{2}{14}f + \frac{2}{49}$

6. $\frac{12}{40}g - \frac{9}{35}$

7. $\frac{12}{45}h + \frac{20}{45}$

8. $-\frac{8}{18}i + \frac{4}{12}$

9. $-\frac{3}{8}j - \frac{3}{12}$

10. $-\frac{18}{56}k + \frac{21}{49}$

11. $-\frac{4}{10}m - \frac{4}{15}$

12. $\frac{18}{36}n + \frac{21}{20}$

13. $\frac{3}{16}p + \frac{3}{32}$

14. $\frac{3}{14}r + \frac{3}{56}$

15. $-\frac{4}{24}t + \frac{8}{64}$

16. $\frac{4}{45}u + \frac{16}{40}$

17. $-\frac{16}{40}v - \frac{12}{72}$

18. $-\frac{6}{27}w + \frac{6}{27}$

19. $\frac{9}{45}y + \frac{12}{27}$

20. $\frac{2}{45}z - \frac{4}{45}$