



Expand each expression.

1) $-\frac{3}{6}\left(-\frac{2}{7}b - \frac{6}{6}\right)$

2) $-\frac{2}{8}\left(\frac{2}{4}c - \frac{2}{6}\right)$

3) $\frac{2}{6}\left(\frac{1}{2}d + \frac{1}{6}\right)$

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

5) $-\frac{4}{9}\left(\frac{2}{5}f + \frac{4}{2}\right)$

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

7) $-\frac{3}{7}\left(\frac{1}{3}h - \frac{1}{6}\right)$

8) $-\frac{2}{6}\left(\frac{1}{2}i - \frac{1}{5}\right)$

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

10) $-\frac{4}{8}\left(\frac{1}{6}k - \frac{3}{3}\right)$

11) $-\frac{4}{8}\left(-\frac{3}{7}m - \frac{6}{7}\right)$

12) $\frac{4}{7}\left(\frac{1}{2}n + \frac{1}{4}\right)$

13) $\frac{2}{7}\left(\frac{2}{3}p - \frac{1}{2}\right)$

14) $-\frac{3}{8}\left(-\frac{2}{4}r - \frac{2}{7}\right)$

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

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

17) $\frac{4}{6}\left(\frac{2}{3}v + \frac{1}{7}\right)$

18) $-\frac{3}{4}\left(\frac{1}{5}w - \frac{2}{7}\right)$

19) $-\frac{4}{9}\left(\frac{1}{4}y - \frac{2}{8}\right)$

20) $\frac{3}{5}\left(\frac{1}{3}z + \frac{1}{7}\right)$

Answers

1. _____

2. _____

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Answers

1. $\frac{6}{42}b + \frac{18}{36}$

2. $-\frac{4}{32}c + \frac{4}{48}$

3. $\frac{2}{12}d + \frac{2}{36}$

4. $\frac{8}{30}e + \frac{16}{36}$

5. $-\frac{8}{45}f - \frac{16}{18}$

6. $\frac{2}{9}g + \frac{4}{15}$

7. $-\frac{3}{21}h + \frac{3}{42}$

8. $-\frac{2}{12}i + \frac{2}{30}$

9. $\frac{4}{36}j + \frac{4}{36}$

10. $-\frac{4}{48}k + \frac{12}{24}$

11. $\frac{12}{56}m + \frac{24}{56}$

12. $\frac{4}{14}n + \frac{4}{28}$

13. $\frac{4}{21}p - \frac{2}{14}$

14. $\frac{6}{32}r + \frac{6}{56}$

15. $\frac{3}{27}t + \frac{3}{54}$

16. $\frac{15}{45}u - \frac{9}{35}$

17. $\frac{8}{18}v + \frac{4}{42}$

18. $-\frac{3}{20}w + \frac{6}{28}$

19. $-\frac{4}{36}y + \frac{8}{72}$

20. $\frac{3}{15}z + \frac{3}{35}$