



Expand each expression.

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

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

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

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

5) $-\frac{4}{7}\left(\frac{2}{4}f + \frac{1}{6}\right)$

6) $-\frac{3}{4}\left(\frac{1}{6}g + \frac{1}{6}\right)$

7) $\frac{3}{8}\left(\frac{3}{4}h + \frac{2}{8}\right)$

8) $-\frac{4}{9}\left(\frac{7}{9}i + \frac{6}{9}\right)$

9) $-\frac{3}{5}\left(\frac{2}{6}j + \frac{3}{4}\right)$

10) $-\frac{3}{7}\left(-\frac{1}{6}k - \frac{2}{9}\right)$

11) $\frac{2}{4}\left(\frac{4}{6}m - \frac{3}{9}\right)$

12) $-\frac{3}{8}\left(-\frac{2}{3}n - \frac{2}{9}\right)$

13) $-\frac{2}{9}\left(-\frac{1}{8}p - \frac{2}{3}\right)$

14) $\frac{4}{5}\left(\frac{5}{8}r - \frac{5}{7}\right)$

15) $-\frac{2}{6}\left(\frac{3}{8}t - \frac{6}{3}\right)$

16) $-\frac{2}{5}\left(\frac{1}{2}u - \frac{1}{9}\right)$

17) $-\frac{3}{5}\left(-\frac{1}{5}v - \frac{4}{6}\right)$

18) $\frac{2}{6}\left(\frac{1}{2}w - \frac{1}{3}\right)$

19) $-\frac{4}{5}\left(-\frac{7}{8}y - \frac{7}{3}\right)$

20) $\frac{4}{7}\left(\frac{2}{3}z - \frac{1}{6}\right)$

Answers

1. _____

2. _____

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Answers

1. $\frac{9}{24}b + \frac{6}{12}$

2. $\frac{6}{54}c + \frac{6}{18}$

3. $-\frac{4}{12}d - \frac{4}{48}$

4. $-\frac{3}{14}e + \frac{3}{49}$

5. $-\frac{8}{28}f - \frac{4}{42}$

6. $-\frac{3}{24}g - \frac{3}{24}$

7. $\frac{9}{32}h + \frac{6}{64}$

8. $-\frac{28}{81}i - \frac{24}{81}$

9. $-\frac{6}{30}j - \frac{9}{20}$

10. $\frac{3}{42}k + \frac{6}{63}$

11. $\frac{8}{24}m - \frac{6}{36}$

12. $\frac{6}{24}n + \frac{6}{72}$

13. $\frac{2}{72}p + \frac{4}{27}$

14. $\frac{20}{40}r - \frac{20}{35}$

15. $-\frac{6}{48}t + \frac{12}{18}$

16. $-\frac{2}{10}u + \frac{2}{45}$

17. $\frac{3}{25}v + \frac{12}{30}$

18. $\frac{2}{12}w - \frac{2}{18}$

19. $\frac{28}{40}y + \frac{28}{15}$

20. $\frac{8}{21}z - \frac{4}{42}$