



Expand each expression.

1) $-\frac{2}{9}\left(-\frac{1}{5}b - \frac{3}{5}\right)$

2) $\frac{3}{5}\left(\frac{1}{2}c + \frac{1}{6}\right)$

3) $-\frac{3}{9}\left(\frac{1}{6}d + \frac{3}{5}\right)$

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

5) $-\frac{3}{9}\left(-\frac{5}{7}f - \frac{4}{9}\right)$

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

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

8) $\frac{2}{5}\left(\frac{7}{8}i + \frac{2}{9}\right)$

9) $\frac{3}{5}\left(\frac{3}{7}j - \frac{6}{6}\right)$

10) $-\frac{3}{5}\left(\frac{6}{8}k + \frac{2}{6}\right)$

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

12) $-\frac{2}{9}\left(\frac{1}{2}n + \frac{1}{9}\right)$

13) $-\frac{2}{3}\left(\frac{5}{9}p - \frac{6}{6}\right)$

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

15) $-\frac{3}{9}\left(\frac{2}{5}t + \frac{1}{2}\right)$

16) $-\frac{4}{7}\left(\frac{1}{2}u + \frac{1}{4}\right)$

17) $-\frac{4}{8}\left(\frac{1}{3}v + \frac{2}{5}\right)$

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

19) $\frac{3}{4}\left(\frac{2}{8}y + \frac{2}{3}\right)$

20) $-\frac{4}{6}\left(-\frac{1}{6}z - \frac{3}{8}\right)$

Answers

1. _____

2. _____

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Answers

1. $\frac{2}{45}b + \frac{6}{45}$

2. $\frac{3}{10}c + \frac{3}{30}$

3. $-\frac{3}{54}d - \frac{9}{45}$

4. $\frac{8}{20}e - \frac{8}{20}$

5. $\frac{15}{63}f + \frac{12}{81}$

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

7. $\frac{20}{63}h - \frac{28}{49}$

8. $\frac{14}{40}i + \frac{4}{45}$

9. $\frac{9}{35}j - \frac{18}{30}$

10. $-\frac{18}{40}k - \frac{6}{30}$

11. $-\frac{8}{36}m + \frac{8}{27}$

12. $-\frac{2}{18}n - \frac{2}{81}$

13. $-\frac{10}{27}p + \frac{12}{18}$

14. $-\frac{4}{30}r + \frac{8}{35}$

15. $-\frac{6}{45}t - \frac{3}{18}$

16. $-\frac{4}{14}u - \frac{4}{28}$

17. $-\frac{4}{24}v - \frac{8}{40}$

18. $\frac{3}{14}w - \frac{3}{49}$

19. $\frac{6}{32}y + \frac{6}{12}$

20. $\frac{4}{36}z + \frac{12}{48}$