



Expand each expression.

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

2) $\frac{3}{4}\left(\frac{1}{3}c + \frac{1}{3}\right)$

3) $-\frac{2}{6}\left(\frac{3}{8}d - \frac{4}{5}\right)$

4) $-\frac{4}{9}\left(-\frac{8}{9}e - \frac{5}{2}\right)$

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

6) $-\frac{3}{9}\left(-\frac{8}{9}g - \frac{7}{6}\right)$

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

8) $-\frac{2}{5}\left(-\frac{4}{6}i - \frac{1}{4}\right)$

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

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

11) $-\frac{3}{9}\left(\frac{1}{3}m - \frac{2}{3}\right)$

12) $-\frac{4}{6}\left(\frac{4}{9}n + \frac{4}{2}\right)$

13) $-\frac{3}{8}\left(\frac{2}{5}p + \frac{4}{2}\right)$

14) $\frac{2}{4}\left(\frac{5}{9}r - \frac{4}{6}\right)$

15) $\frac{2}{4}\left(\frac{7}{8}t - \frac{3}{2}\right)$

16) $\frac{2}{3}\left(\frac{5}{7}u + \frac{6}{3}\right)$

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

18) $-\frac{2}{8}\left(-\frac{7}{8}w - \frac{2}{5}\right)$

19) $-\frac{4}{8}\left(\frac{7}{8}y - \frac{2}{6}\right)$

20) $-\frac{3}{5}\left(\frac{3}{5}z + \frac{2}{4}\right)$

Answers

1. _____

2. _____

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Answers

1. $\frac{4}{18}b + \frac{2}{24}$

2. $\frac{3}{12}c + \frac{3}{12}$

3. $-\frac{6}{48}d + \frac{8}{30}$

4. $\frac{32}{81}e + \frac{20}{18}$

5. $-\frac{2}{12}f - \frac{2}{48}$

6. $\frac{24}{81}g + \frac{21}{54}$

7. $\frac{9}{24}h + \frac{15}{28}$

8. $\frac{8}{30}i + \frac{2}{20}$

9. $-\frac{15}{30}j - \frac{6}{25}$

10. $\frac{15}{40}k + \frac{18}{30}$

11. $-\frac{3}{27}m + \frac{6}{27}$

12. $-\frac{16}{54}n - \frac{16}{12}$

13. $-\frac{6}{40}p - \frac{12}{16}$

14. $\frac{10}{36}r - \frac{8}{24}$

15. $\frac{14}{32}t - \frac{6}{8}$

16. $\frac{10}{21}u + \frac{12}{9}$

17. $-\frac{2}{6}v - \frac{2}{21}$

18. $\frac{14}{64}w + \frac{4}{40}$

19. $-\frac{28}{64}y + \frac{8}{48}$

20. $-\frac{9}{25}z - \frac{6}{20}$