



Expand each expression.

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

2) $\frac{3}{5}\left(\frac{2}{4}c - \frac{1}{2}\right)$

3) $\frac{4}{9}\left(\frac{2}{7}d - \frac{4}{9}\right)$

4) $\frac{4}{9}\left(\frac{1}{3}e + \frac{1}{6}\right)$

5) $\frac{3}{4}\left(\frac{8}{9}f - \frac{7}{4}\right)$

6) $-\frac{3}{8}\left(\frac{3}{6}g - \frac{5}{9}\right)$

7) $\frac{2}{8}\left(\frac{1}{8}h + \frac{7}{6}\right)$

8) $-\frac{2}{9}\left(\frac{1}{4}j - \frac{3}{6}\right)$

9) $-\frac{3}{8}\left(\frac{1}{7}k - \frac{4}{7}\right)$

10) $-\frac{2}{4}\left(-\frac{1}{4}m - \frac{1}{7}\right)$

11) $\frac{3}{7}\left(\frac{3}{6}n - \frac{5}{5}\right)$

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

13) $\frac{4}{7}\left(\frac{3}{5}q + \frac{1}{7}\right)$

14) $\frac{3}{8}\left(\frac{2}{4}r + \frac{3}{5}\right)$

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

16) $-\frac{4}{8}\left(-\frac{4}{5}u - \frac{4}{7}\right)$

17) $\frac{3}{8}\left(\frac{1}{5}v + \frac{4}{7}\right)$

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

19) $-\frac{4}{6}\left(\frac{2}{6}x + \frac{5}{8}\right)$

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

Answers

1. _____

2. _____

3. _____

4. _____

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6. _____

7. _____

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Answers

1. $-\frac{6}{28}b + \frac{6}{28}$

2. $\frac{6}{20}c - \frac{3}{10}$

3. $\frac{8}{63}d - \frac{16}{81}$

4. $\frac{4}{27}e + \frac{4}{54}$

5. $\frac{24}{36}f - \frac{21}{16}$

6. $-\frac{9}{48}g + \frac{15}{72}$

7. $\frac{2}{64}h + \frac{14}{48}$

8. $-\frac{2}{36}j + \frac{6}{54}$

9. $-\frac{3}{56}k + \frac{12}{56}$

10. $\frac{2}{16}m + \frac{2}{28}$

11. $\frac{9}{42}n - \frac{15}{35}$

12. $-\frac{2}{15}p - \frac{4}{20}$

13. $\frac{12}{35}q + \frac{4}{49}$

14. $\frac{6}{32}r + \frac{9}{40}$

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

16. $\frac{16}{40}u + \frac{16}{56}$

17. $\frac{3}{40}v + \frac{12}{56}$

18. $-\frac{4}{14}w - \frac{4}{14}$

19. $-\frac{8}{36}x - \frac{20}{48}$

20. $\frac{3}{14}y - \frac{3}{28}$