



Expand each expression.

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

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

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

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

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

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

7) $\frac{4}{6}\left(\frac{1}{4}h - \frac{2}{7}\right)$

8) $\frac{2}{7}\left(\frac{4}{5}i + \frac{4}{5}\right)$

9) $-\frac{4}{7}\left(-\frac{2}{5}j - \frac{3}{3}\right)$

10) $-\frac{3}{9}\left(\frac{1}{4}k - \frac{3}{6}\right)$

11) $-\frac{2}{5}\left(-\frac{1}{2}m - \frac{1}{4}\right)$

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

13) $-\frac{4}{7}\left(\frac{3}{4}p + \frac{2}{6}\right)$

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

15) $\frac{3}{7}\left(\frac{4}{7}t + \frac{3}{3}\right)$

16) $-\frac{3}{8}\left(\frac{2}{3}u - \frac{1}{9}\right)$

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

18) $\frac{3}{4}\left(\frac{8}{9}w + \frac{5}{8}\right)$

19) $-\frac{3}{9}\left(\frac{6}{8}y + \frac{3}{6}\right)$

20) $-\frac{2}{8}\left(\frac{2}{8}z - \frac{2}{2}\right)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



Expand each expression.

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

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

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

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

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

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

7) $\frac{4}{6}\left(\frac{1}{4}h - \frac{2}{7}\right)$

8) $\frac{2}{7}\left(\frac{4}{5}i + \frac{4}{5}\right)$

9) $-\frac{4}{7}\left(-\frac{2}{5}j - \frac{3}{3}\right)$

10) $-\frac{3}{9}\left(\frac{1}{4}k - \frac{3}{6}\right)$

11) $-\frac{2}{5}\left(-\frac{1}{2}m - \frac{1}{4}\right)$

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

13) $-\frac{4}{7}\left(\frac{3}{4}p + \frac{2}{6}\right)$

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

15) $\frac{3}{7}\left(\frac{4}{7}t + \frac{3}{3}\right)$

16) $-\frac{3}{8}\left(\frac{2}{3}u - \frac{1}{9}\right)$

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

18) $\frac{3}{4}\left(\frac{8}{9}w + \frac{5}{8}\right)$

19) $-\frac{3}{9}\left(\frac{6}{8}y + \frac{3}{6}\right)$

20) $-\frac{2}{8}\left(\frac{2}{8}z - \frac{2}{2}\right)$

Answers

1. $-\frac{6}{24}b + \frac{8}{8}$

2. $-\frac{4}{10}c + \frac{4}{25}$

3. $\frac{12}{32}d - \frac{4}{56}$

4. $\frac{12}{30}e + \frac{12}{36}$

5. $-\frac{6}{18}f + \frac{2}{21}$

6. $-\frac{12}{54}g + \frac{8}{27}$

7. $\frac{4}{24}h - \frac{8}{42}$

8. $\frac{8}{35}i + \frac{8}{35}$

9. $\frac{8}{35}j + \frac{12}{21}$

10. $-\frac{3}{36}k + \frac{9}{54}$

11. $\frac{2}{10}m + \frac{2}{20}$

12. $-\frac{3}{15}n - \frac{3}{10}$

13. $-\frac{12}{28}p - \frac{8}{42}$

14. $\frac{10}{64}r - \frac{8}{32}$

15. $\frac{12}{49}t + \frac{9}{21}$

16. $-\frac{6}{24}u + \frac{3}{72}$

17. $-\frac{16}{42}v - \frac{8}{21}$

18. $\frac{24}{36}w + \frac{15}{32}$

19. $-\frac{18}{72}y - \frac{9}{54}$

20. $-\frac{4}{64}z + \frac{4}{16}$