



Expand each expression.

Answers

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

2) $-\frac{3}{7}\left(\frac{4}{5}c - \frac{1}{3}\right)$

3) $-\frac{2}{9}\left(\frac{1}{3}d + \frac{2}{2}\right)$

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

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

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

7) $-\frac{4}{8}\left(-\frac{3}{7}h - \frac{2}{9}\right)$

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

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

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

11) $\frac{3}{9}\left(\frac{1}{2}m - \frac{1}{4}\right)$

12) $\frac{2}{4}\left(\frac{4}{8}n + \frac{1}{3}\right)$

13) $-\frac{2}{5}\left(-\frac{1}{3}p - \frac{1}{8}\right)$

14) $-\frac{3}{9}\left(-\frac{1}{2}r - \frac{1}{8}\right)$

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

16) $-\frac{4}{6}\left(-\frac{1}{4}u - \frac{3}{7}\right)$

17) $\frac{3}{7}\left(\frac{1}{3}v + \frac{2}{9}\right)$

18) $-\frac{2}{9}\left(\frac{2}{4}w + \frac{3}{9}\right)$

19) $\frac{2}{7}\left(\frac{4}{7}y - \frac{5}{7}\right)$

20) $-\frac{2}{3}\left(-\frac{1}{3}z - \frac{1}{8}\right)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



Expand each expression.

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

2) $-\frac{3}{7}\left(\frac{4}{5}c - \frac{1}{3}\right)$

3) $-\frac{2}{9}\left(\frac{1}{3}d + \frac{2}{2}\right)$

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

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

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

7) $-\frac{4}{8}\left(-\frac{3}{7}h - \frac{2}{9}\right)$

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

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

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

11) $\frac{3}{9}\left(\frac{1}{2}m - \frac{1}{4}\right)$

12) $\frac{2}{4}\left(\frac{4}{8}n + \frac{1}{3}\right)$

13) $-\frac{2}{5}\left(-\frac{1}{3}p - \frac{1}{8}\right)$

14) $-\frac{3}{9}\left(-\frac{1}{2}r - \frac{1}{8}\right)$

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

16) $-\frac{4}{6}\left(-\frac{1}{4}u - \frac{3}{7}\right)$

17) $\frac{3}{7}\left(\frac{1}{3}v + \frac{2}{9}\right)$

18) $-\frac{2}{9}\left(\frac{2}{4}w + \frac{3}{9}\right)$

19) $\frac{2}{7}\left(\frac{4}{7}y - \frac{5}{7}\right)$

20) $-\frac{2}{3}\left(-\frac{1}{3}z - \frac{1}{8}\right)$

Answers

1. $\frac{12}{30}b + \frac{8}{45}$

2. $-\frac{12}{35}c + \frac{3}{21}$

3. $-\frac{2}{27}d - \frac{4}{18}$

4. $\frac{10}{32}e - \frac{6}{32}$

5. $-\frac{21}{81}f + \frac{6}{45}$

6. $-\frac{3}{14}g + \frac{3}{35}$

7. $\frac{12}{56}h + \frac{8}{72}$

8. $-\frac{4}{16}i + \frac{4}{32}$

9. $\frac{16}{40}j + \frac{8}{45}$

10. $-\frac{8}{35}k - \frac{2}{30}$

11. $\frac{3}{18}m - \frac{3}{36}$

12. $\frac{8}{32}n + \frac{2}{12}$

13. $\frac{2}{15}p + \frac{2}{40}$

14. $\frac{3}{18}r + \frac{3}{72}$

15. $-\frac{2}{9}t + \frac{4}{15}$

16. $\frac{4}{24}u + \frac{12}{42}$

17. $\frac{3}{21}v + \frac{6}{63}$

18. $-\frac{4}{36}w - \frac{6}{81}$

19. $\frac{8}{49}y - \frac{10}{49}$

20. $\frac{2}{9}z + \frac{2}{24}$