



Expand each expression.

1) $-\frac{2}{5}(-\frac{2}{4}b - \frac{1}{7})$

2) $-\frac{4}{5}(\frac{6}{8}c + \frac{7}{3})$

3) $-\frac{2}{6}(\frac{4}{6}d - \frac{4}{3})$

4) $-\frac{3}{9}(\frac{5}{6}e + \frac{1}{4})$

5) $\frac{4}{8}(\frac{1}{2}f + \frac{1}{5})$

6) $-\frac{3}{6}(\frac{4}{5}g - \frac{2}{4})$

7) $\frac{3}{8}(\frac{4}{5}h - \frac{2}{4})$

8) $-\frac{2}{4}(\frac{2}{8}i - \frac{1}{7})$

9) $\frac{3}{8}(\frac{1}{2}j - \frac{1}{8})$

10) $\frac{2}{4}(\frac{7}{8}k - \frac{4}{8})$

11) $\frac{2}{6}(\frac{1}{2}m + \frac{1}{6})$

12) $-\frac{2}{8}(\frac{1}{7}n - \frac{4}{3})$

13) $-\frac{2}{8}(-\frac{3}{9}p - \frac{2}{9})$

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

15) $\frac{4}{9}(\frac{1}{3}t + \frac{1}{2})$

16) $\frac{4}{9}(\frac{4}{6}u - \frac{4}{7})$

17) $-\frac{2}{8}(\frac{1}{9}v + \frac{2}{5})$

18) $\frac{3}{6}(\frac{1}{2}w + \frac{1}{5})$

19) $-\frac{3}{7}(\frac{5}{9}y - \frac{3}{2})$

20) $-\frac{4}{5}(-\frac{1}{2}z - \frac{1}{5})$

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) $-\frac{2}{5}(-\frac{2}{4}b - \frac{1}{7})$

2) $-\frac{4}{5}(\frac{6}{8}c + \frac{7}{3})$

3) $-\frac{2}{6}(\frac{4}{6}d - \frac{4}{3})$

4) $-\frac{3}{9}(\frac{5}{6}e + \frac{1}{4})$

5) $\frac{4}{8}(\frac{1}{2}f + \frac{1}{5})$

6) $-\frac{3}{6}(\frac{4}{5}g - \frac{2}{4})$

7) $\frac{3}{8}(\frac{4}{5}h - \frac{2}{4})$

8) $-\frac{2}{4}(\frac{2}{8}i - \frac{1}{7})$

9) $\frac{3}{8}(\frac{1}{2}j - \frac{1}{8})$

10) $\frac{2}{4}(\frac{7}{8}k - \frac{4}{8})$

11) $\frac{2}{6}(\frac{1}{2}m + \frac{1}{6})$

12) $-\frac{2}{8}(\frac{1}{7}n - \frac{4}{3})$

13) $-\frac{2}{8}(-\frac{3}{9}p - \frac{2}{9})$

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

15) $\frac{4}{9}(\frac{1}{3}t + \frac{1}{2})$

16) $\frac{4}{9}(\frac{4}{6}u - \frac{4}{7})$

17) $-\frac{2}{8}(\frac{1}{9}v + \frac{2}{5})$

18) $\frac{3}{6}(\frac{1}{2}w + \frac{1}{5})$

19) $-\frac{3}{7}(\frac{5}{9}y - \frac{3}{2})$

20) $-\frac{4}{5}(-\frac{1}{2}z - \frac{1}{5})$

Answers

1. $\frac{4}{20}b + \frac{2}{35}$

2. $-\frac{24}{40}c - \frac{28}{15}$

3. $-\frac{8}{36}d + \frac{8}{18}$

4. $-\frac{15}{54}e - \frac{3}{36}$

5. $\frac{4}{16}f + \frac{4}{40}$

6. $-\frac{12}{30}g + \frac{6}{24}$

7. $\frac{12}{40}h - \frac{6}{32}$

8. $-\frac{4}{32}i + \frac{2}{28}$

9. $\frac{3}{16}j - \frac{3}{64}$

10. $\frac{14}{32}k - \frac{8}{32}$

11. $\frac{2}{12}m + \frac{2}{36}$

12. $-\frac{2}{56}n + \frac{8}{24}$

13. $\frac{6}{72}p + \frac{4}{72}$

14. $\frac{6}{24}r + \frac{6}{72}$

15. $\frac{4}{27}t + \frac{4}{18}$

16. $\frac{16}{54}u - \frac{16}{63}$

17. $-\frac{2}{72}v - \frac{4}{40}$

18. $\frac{3}{12}w + \frac{3}{30}$

19. $-\frac{15}{63}y + \frac{9}{14}$

20. $\frac{4}{10}z + \frac{4}{25}$