



Expand each expression.

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

2) $-\frac{3}{6}(-\frac{2}{9}c - \frac{2}{3})$

3) $-\frac{4}{6}(\frac{1}{2}d + \frac{1}{8})$

4) $-\frac{3}{7}(\frac{1}{2}e - \frac{1}{7})$

5) $-\frac{4}{7}(\frac{2}{4}f + \frac{1}{6})$

6) $-\frac{3}{4}(\frac{1}{6}g + \frac{1}{6})$

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

8) $-\frac{4}{9}(\frac{7}{9}i + \frac{6}{9})$

9) $-\frac{3}{5}(\frac{2}{6}j + \frac{3}{4})$

10) $-\frac{3}{7}(-\frac{1}{6}k - \frac{2}{9})$

11) $\frac{2}{4}(\frac{4}{6}m - \frac{3}{9})$

12) $-\frac{3}{8}(-\frac{2}{3}n - \frac{2}{9})$

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

14) $\frac{4}{5}(\frac{5}{8}r - \frac{5}{7})$

15) $-\frac{2}{6}(\frac{3}{8}t - \frac{6}{3})$

16) $-\frac{2}{5}(\frac{1}{2}u - \frac{1}{9})$

17) $-\frac{3}{5}(-\frac{1}{5}v - \frac{4}{6})$

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

19) $-\frac{4}{5}(-\frac{7}{8}y - \frac{7}{3})$

20) $\frac{4}{7}(\frac{2}{3}z - \frac{1}{6})$

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

2) $-\frac{3}{6}(-\frac{2}{9}c - \frac{2}{3})$

3) $-\frac{4}{6}(\frac{1}{2}d + \frac{1}{8})$

4) $-\frac{3}{7}(\frac{1}{2}e - \frac{1}{7})$

5) $-\frac{4}{7}(\frac{2}{4}f + \frac{1}{6})$

6) $-\frac{3}{4}(\frac{1}{6}g + \frac{1}{6})$

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

8) $-\frac{4}{9}(\frac{7}{9}i + \frac{6}{9})$

9) $-\frac{3}{5}(\frac{2}{6}j + \frac{3}{4})$

10) $-\frac{3}{7}(-\frac{1}{6}k - \frac{2}{9})$

11) $\frac{2}{4}(\frac{4}{6}m - \frac{3}{9})$

12) $-\frac{3}{8}(-\frac{2}{3}n - \frac{2}{9})$

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

14) $\frac{4}{5}(\frac{5}{8}r - \frac{5}{7})$

15) $-\frac{2}{6}(\frac{3}{8}t - \frac{6}{3})$

16) $-\frac{2}{5}(\frac{1}{2}u - \frac{1}{9})$

17) $-\frac{3}{5}(-\frac{1}{5}v - \frac{4}{6})$

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

19) $-\frac{4}{5}(-\frac{7}{8}y - \frac{7}{3})$

20) $\frac{4}{7}(\frac{2}{3}z - \frac{1}{6})$

Answers

1. $\frac{9}{24}b + \frac{6}{12}$

2. $\frac{6}{54}c + \frac{6}{18}$

3. $-\frac{4}{12}d - \frac{4}{48}$

4. $-\frac{3}{14}e + \frac{3}{49}$

5. $-\frac{8}{28}f - \frac{4}{42}$

6. $-\frac{3}{24}g - \frac{3}{24}$

7. $\frac{9}{32}h + \frac{6}{64}$

8. $-\frac{28}{81}i - \frac{24}{81}$

9. $-\frac{6}{30}j - \frac{9}{20}$

10. $\frac{3}{42}k + \frac{6}{63}$

11. $\frac{8}{24}m - \frac{6}{36}$

12. $\frac{6}{24}n + \frac{6}{72}$

13. $\frac{2}{72}p + \frac{4}{27}$

14. $\frac{20}{40}r - \frac{20}{35}$

15. $-\frac{6}{48}t + \frac{12}{18}$

16. $-\frac{2}{10}u + \frac{2}{45}$

17. $\frac{3}{25}v + \frac{12}{30}$

18. $\frac{2}{12}w - \frac{2}{18}$

19. $\frac{28}{40}y + \frac{28}{15}$

20. $\frac{8}{21}z - \frac{4}{42}$