



Expand each expression.

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

2) $\frac{3}{4}(\frac{1}{3}c + \frac{1}{3})$

3) $-\frac{2}{6}(\frac{3}{8}d - \frac{4}{5})$

4) $-\frac{4}{9}(-\frac{8}{9}e - \frac{5}{2})$

5) $-\frac{2}{6}(\frac{1}{2}f + \frac{1}{8})$

6) $-\frac{3}{9}(-\frac{8}{9}g - \frac{7}{6})$

7) $-\frac{3}{4}(-\frac{3}{6}h - \frac{5}{7})$

8) $-\frac{2}{5}(-\frac{4}{6}i - \frac{1}{4})$

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

10) $-\frac{3}{5}(-\frac{5}{8}k - \frac{6}{6})$

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

12) $-\frac{4}{6}(\frac{4}{9}n + \frac{4}{2})$

13) $-\frac{3}{8}(\frac{2}{5}p + \frac{4}{2})$

14) $\frac{2}{4}(\frac{5}{9}r - \frac{4}{6})$

15) $\frac{2}{4}(\frac{7}{8}t - \frac{3}{2})$

16) $\frac{2}{3}(\frac{5}{7}u + \frac{6}{3})$

17) $-\frac{2}{3}(\frac{1}{2}v + \frac{1}{7})$

18) $-\frac{2}{8}(-\frac{7}{8}w - \frac{2}{5})$

19) $-\frac{4}{8}(\frac{7}{8}y - \frac{2}{6})$

20) $-\frac{3}{5}(\frac{3}{5}z + \frac{2}{4})$

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

2) $\frac{3}{4}(\frac{1}{3}c + \frac{1}{3})$

3) $-\frac{2}{6}(\frac{3}{8}d - \frac{4}{5})$

4) $-\frac{4}{9}(-\frac{8}{9}e - \frac{5}{2})$

5) $-\frac{2}{6}(\frac{1}{2}f + \frac{1}{8})$

6) $-\frac{3}{9}(-\frac{8}{9}g - \frac{7}{6})$

7) $-\frac{3}{4}(-\frac{3}{6}h - \frac{5}{7})$

8) $-\frac{2}{5}(-\frac{4}{6}i - \frac{1}{4})$

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

10) $-\frac{3}{5}(-\frac{5}{8}k - \frac{6}{6})$

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

12) $-\frac{4}{6}(\frac{4}{9}n + \frac{4}{2})$

13) $-\frac{3}{8}(\frac{2}{5}p + \frac{4}{2})$

14) $\frac{2}{4}(\frac{5}{9}r - \frac{4}{6})$

15) $\frac{2}{4}(\frac{7}{8}t - \frac{3}{2})$

16) $\frac{2}{3}(\frac{5}{7}u + \frac{6}{3})$

17) $-\frac{2}{3}(\frac{1}{2}v + \frac{1}{7})$

18) $-\frac{2}{8}(-\frac{7}{8}w - \frac{2}{5})$

19) $-\frac{4}{8}(\frac{7}{8}y - \frac{2}{6})$

20) $-\frac{3}{5}(\frac{3}{5}z + \frac{2}{4})$

Answers

1. $\frac{4}{18}b + \frac{2}{24}$

2. $\frac{3}{12}c + \frac{3}{12}$

3. $-\frac{6}{48}d + \frac{8}{30}$

4. $\frac{32}{81}e + \frac{20}{18}$

5. $-\frac{2}{12}f - \frac{2}{48}$

6. $\frac{24}{81}g + \frac{21}{54}$

7. $\frac{9}{24}h + \frac{15}{28}$

8. $\frac{8}{30}i + \frac{2}{20}$

9. $-\frac{15}{30}j - \frac{6}{25}$

10. $\frac{15}{40}k + \frac{18}{30}$

11. $-\frac{3}{27}m + \frac{6}{27}$

12. $-\frac{16}{54}n - \frac{16}{12}$

13. $-\frac{6}{40}p - \frac{12}{16}$

14. $\frac{10}{36}r - \frac{8}{24}$

15. $\frac{14}{32}t - \frac{6}{8}$

16. $\frac{10}{21}u + \frac{12}{9}$

17. $-\frac{2}{6}v - \frac{2}{21}$

18. $\frac{14}{64}w + \frac{4}{40}$

19. $-\frac{28}{64}y + \frac{8}{48}$

20. $-\frac{9}{25}z - \frac{6}{20}$