



Expand each expression.

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

2)  $-\frac{4}{6}\left(\frac{1}{9}c - \frac{4}{4}\right)$

3)  $\frac{2}{3}\left(\frac{7}{8}d + \frac{4}{7}\right)$

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

5)  $\frac{4}{5}\left(\frac{4}{6}f + \frac{4}{4}\right)$

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

7)  $-\frac{4}{7}\left(\frac{1}{3}h - \frac{2}{6}\right)$

8)  $\frac{4}{6}\left(\frac{6}{9}i + \frac{8}{4}\right)$

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

10)  $-\frac{2}{9}\left(\frac{2}{4}k + \frac{1}{8}\right)$

11)  $-\frac{2}{6}\left(\frac{3}{4}m - \frac{3}{8}\right)$

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

13)  $\frac{3}{5}\left(\frac{2}{7}p + \frac{5}{4}\right)$

14)  $-\frac{4}{5}\left(\frac{1}{6}r + \frac{2}{6}\right)$

15)  $-\frac{2}{4}\left(-\frac{3}{8}t - \frac{7}{6}\right)$

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

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

18)  $\frac{4}{6}\left(\frac{1}{5}w + \frac{1}{4}\right)$

19)  $-\frac{3}{9}\left(\frac{3}{4}y + \frac{3}{7}\right)$

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

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

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**Answers**

1.  $-\frac{9}{36}b + \frac{3}{36}$

2.  $-\frac{4}{54}c + \frac{16}{24}$

3.  $\frac{14}{24}d + \frac{8}{21}$

4.  $-\frac{6}{36}e - \frac{2}{54}$

5.  $\frac{16}{30}f + \frac{16}{20}$

6.  $-\frac{9}{36}g + \frac{15}{42}$

7.  $-\frac{4}{21}h + \frac{8}{42}$

8.  $\frac{24}{54}i + \frac{32}{24}$

9.  $\frac{16}{81}j - \frac{8}{72}$

10.  $-\frac{4}{36}k - \frac{2}{72}$

11.  $-\frac{6}{24}m + \frac{6}{48}$

12.  $-\frac{12}{56}n + \frac{4}{56}$

13.  $\frac{6}{35}p + \frac{15}{20}$

14.  $-\frac{4}{30}r - \frac{8}{30}$

15.  $\frac{6}{32}t + \frac{14}{24}$

16.  $\frac{6}{72}u + \frac{2}{72}$

17.  $-\frac{9}{20}v + \frac{3}{15}$

18.  $\frac{4}{30}w + \frac{4}{24}$

19.  $-\frac{9}{36}y - \frac{9}{63}$

20.  $\frac{2}{6}z - \frac{2}{6}$