



Expand each expression.

1)  $\frac{2}{9}\left(\frac{1}{6}b + \frac{2}{3}\right)$

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

3)  $-\frac{3}{5}\left(\frac{2}{9}d + \frac{4}{4}\right)$

4)  $\frac{4}{7}\left(\frac{7}{8}e - \frac{3}{6}\right)$

5)  $-\frac{3}{7}\left(\frac{4}{5}f - \frac{3}{4}\right)$

6)  $\frac{2}{5}\left(\frac{3}{8}g + \frac{5}{5}\right)$

7)  $\frac{2}{9}\left(\frac{5}{6}h + \frac{2}{4}\right)$

8)  $\frac{2}{3}\left(\frac{1}{3}i + \frac{2}{5}\right)$

9)  $-\frac{4}{5}\left(-\frac{1}{3}j - \frac{1}{7}\right)$

10)  $-\frac{2}{8}\left(-\frac{3}{5}k - \frac{2}{5}\right)$

11)  $-\frac{3}{6}\left(-\frac{6}{7}m - \frac{3}{6}\right)$

12)  $\frac{2}{6}\left(\frac{3}{5}n + \frac{1}{3}\right)$

13)  $-\frac{3}{8}\left(\frac{8}{9}p + \frac{4}{2}\right)$

14)  $\frac{2}{7}\left(\frac{6}{7}r - \frac{1}{2}\right)$

15)  $\frac{3}{7}\left(\frac{1}{3}t + \frac{1}{7}\right)$

16)  $\frac{2}{3}\left(\frac{3}{4}u - \frac{3}{4}\right)$

17)  $\frac{4}{7}\left(\frac{6}{8}v - \frac{5}{9}\right)$

18)  $-\frac{3}{6}\left(\frac{3}{9}w + \frac{2}{6}\right)$

19)  $-\frac{4}{7}\left(\frac{7}{8}y - \frac{7}{7}\right)$

20)  $\frac{3}{9}\left(\frac{3}{4}z + \frac{1}{7}\right)$

**Answers**

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

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

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**Answers**

1.  $\frac{2}{54}b + \frac{4}{27}$

2.  $\frac{4}{54}c + \frac{8}{36}$

3.  $-\frac{6}{45}d - \frac{12}{20}$

4.  $\frac{28}{56}e - \frac{12}{42}$

5.  $-\frac{12}{35}f + \frac{9}{28}$

6.  $\frac{6}{40}g + \frac{10}{25}$

7.  $\frac{10}{54}h + \frac{4}{36}$

8.  $\frac{2}{9}i + \frac{4}{15}$

9.  $\frac{4}{15}j + \frac{4}{35}$

10.  $\frac{6}{40}k + \frac{4}{40}$

11.  $\frac{18}{42}m + \frac{9}{36}$

12.  $\frac{6}{30}n + \frac{2}{18}$

13.  $-\frac{24}{72}p - \frac{12}{16}$

14.  $\frac{12}{49}r - \frac{2}{14}$

15.  $\frac{3}{21}t + \frac{3}{49}$

16.  $\frac{6}{12}u - \frac{6}{12}$

17.  $\frac{24}{56}v - \frac{20}{63}$

18.  $-\frac{9}{54}w - \frac{6}{36}$

19.  $-\frac{28}{56}y + \frac{28}{49}$

20.  $\frac{9}{36}z + \frac{3}{63}$