



Expand each expression.

1)  $-\frac{4}{5}\left(-\frac{3}{6}b - \frac{2}{9}\right)$

2)  $-\frac{3}{7}\left(\frac{4}{5}c - \frac{1}{3}\right)$

3)  $-\frac{2}{9}\left(\frac{1}{3}d + \frac{2}{2}\right)$

4)  $\frac{2}{4}\left(\frac{5}{8}e - \frac{3}{8}\right)$

5)  $-\frac{3}{9}\left(\frac{7}{9}f - \frac{2}{5}\right)$

6)  $-\frac{3}{7}\left(\frac{1}{2}g - \frac{1}{5}\right)$

7)  $-\frac{4}{8}\left(-\frac{3}{7}h - \frac{2}{9}\right)$

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

9)  $-\frac{4}{5}\left(-\frac{4}{8}j - \frac{2}{9}\right)$

10)  $-\frac{2}{5}\left(\frac{4}{7}k + \frac{1}{6}\right)$

11)  $\frac{3}{9}\left(\frac{1}{2}m - \frac{1}{4}\right)$

12)  $\frac{2}{4}\left(\frac{4}{8}n + \frac{1}{3}\right)$

13)  $-\frac{2}{5}\left(-\frac{1}{3}p - \frac{1}{8}\right)$

14)  $-\frac{3}{9}\left(-\frac{1}{2}r - \frac{1}{8}\right)$

15)  $-\frac{2}{3}\left(\frac{1}{3}t - \frac{2}{5}\right)$

16)  $-\frac{4}{6}\left(-\frac{1}{4}u - \frac{3}{7}\right)$

17)  $\frac{3}{7}\left(\frac{1}{3}v + \frac{2}{9}\right)$

18)  $-\frac{2}{9}\left(\frac{2}{4}w + \frac{3}{9}\right)$

19)  $\frac{2}{7}\left(\frac{4}{7}y - \frac{5}{7}\right)$

20)  $-\frac{2}{3}\left(-\frac{1}{3}z - \frac{1}{8}\right)$

Answers

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

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

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**Answers**

1.  $\frac{12}{30}b + \frac{8}{45}$

2.  $-\frac{12}{35}c + \frac{3}{21}$

3.  $-\frac{2}{27}d - \frac{4}{18}$

4.  $\frac{10}{32}e - \frac{6}{32}$

5.  $-\frac{21}{81}f + \frac{6}{45}$

6.  $-\frac{3}{14}g + \frac{3}{35}$

7.  $\frac{12}{56}h + \frac{8}{72}$

8.  $-\frac{4}{16}i + \frac{4}{32}$

9.  $\frac{16}{40}j + \frac{8}{45}$

10.  $-\frac{8}{35}k - \frac{2}{30}$

11.  $\frac{3}{18}m - \frac{3}{36}$

12.  $\frac{8}{32}n + \frac{2}{12}$

13.  $\frac{2}{15}p + \frac{2}{40}$

14.  $\frac{3}{18}r + \frac{3}{72}$

15.  $-\frac{2}{9}t + \frac{4}{15}$

16.  $\frac{4}{24}u + \frac{12}{42}$

17.  $\frac{3}{21}v + \frac{6}{63}$

18.  $-\frac{4}{36}w - \frac{6}{81}$

19.  $\frac{8}{49}y - \frac{10}{49}$

20.  $\frac{2}{9}z + \frac{2}{24}$