



Expand each expression.

1)  $\frac{3}{5}(\frac{3}{5}b + \frac{4}{9})$

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

3)  $\frac{2}{7}(\frac{1}{4}d + \frac{1}{5})$

4)  $\frac{4}{7}(\frac{6}{8}e + \frac{1}{8})$

5)  $-\frac{2}{4}(\frac{7}{8}f - \frac{4}{7})$

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

7)  $-\frac{2}{5}(\frac{4}{7}h + \frac{3}{7})$

8)  $\frac{2}{9}(\frac{3}{4}i - \frac{1}{5})$

9)  $\frac{2}{3}(\frac{3}{4}j + \frac{1}{5})$

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

11)  $-\frac{3}{9}(\frac{7}{8}m - \frac{4}{5})$

12)  $-\frac{2}{4}(\frac{1}{6}n + \frac{4}{6})$

13)  $-\frac{4}{5}(\frac{6}{8}p + \frac{3}{9})$

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

15)  $\frac{2}{5}(\frac{1}{9}t - \frac{7}{2})$

16)  $-\frac{3}{9}(\frac{4}{7}u - \frac{4}{6})$

17)  $\frac{2}{9}(\frac{3}{4}v + \frac{3}{8})$

18)  $\frac{4}{9}(\frac{3}{6}w + \frac{4}{8})$

19)  $\frac{3}{5}(\frac{2}{3}y + \frac{1}{4})$

20)  $\frac{2}{7}(\frac{3}{5}z + \frac{2}{3})$

Answers

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

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

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**Answers**

1.  $\frac{9}{25}b + \frac{12}{45}$

2.  $-\frac{28}{48}c + \frac{24}{12}$

3.  $\frac{2}{28}d + \frac{2}{35}$

4.  $\frac{24}{56}e + \frac{4}{56}$

5.  $-\frac{14}{32}f + \frac{8}{28}$

6.  $\frac{3}{12}g + \frac{3}{16}$

7.  $-\frac{8}{35}h - \frac{6}{35}$

8.  $\frac{6}{36}i - \frac{2}{45}$

9.  $\frac{6}{12}j + \frac{2}{15}$

10.  $\frac{3}{42}k + \frac{6}{14}$

11.  $-\frac{21}{72}m + \frac{12}{45}$

12.  $-\frac{2}{24}n - \frac{8}{24}$

13.  $-\frac{24}{40}p - \frac{12}{45}$

14.  $-\frac{8}{18}r + \frac{8}{24}$

15.  $\frac{2}{45}t - \frac{14}{10}$

16.  $-\frac{12}{63}u + \frac{12}{54}$

17.  $\frac{6}{36}v + \frac{6}{72}$

18.  $\frac{12}{54}w + \frac{16}{72}$

19.  $\frac{6}{15}y + \frac{3}{20}$

20.  $\frac{6}{35}z + \frac{4}{21}$