



Expand each expression.

1)  $\frac{4}{6}(\frac{1}{8}b - \frac{4}{7})$

2)  $-\frac{4}{8}(\frac{2}{3}c - \frac{1}{3})$

3)  $-\frac{2}{5}(\frac{1}{2}d - \frac{1}{3})$

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

5)  $-\frac{4}{8}(-\frac{6}{7}f - \frac{6}{6})$

6)  $\frac{4}{9}(\frac{1}{3}g - \frac{1}{5})$

7)  $-\frac{2}{7}(\frac{3}{8}h - \frac{2}{3})$

8)  $\frac{2}{8}(\frac{2}{8}i + \frac{1}{4})$

9)  $\frac{4}{5}(\frac{3}{5}j + \frac{3}{6})$

10)  $\frac{4}{5}(\frac{4}{9}k + \frac{2}{8})$

11)  $-\frac{2}{8}(-\frac{5}{9}m - \frac{8}{7})$

12)  $-\frac{3}{9}(\frac{2}{3}n + \frac{2}{2})$

13)  $-\frac{3}{6}(\frac{5}{6}p + \frac{1}{9})$

14)  $-\frac{2}{8}(\frac{1}{6}r - \frac{1}{5})$

15)  $\frac{3}{4}(\frac{4}{5}t - \frac{2}{2})$

16)  $\frac{4}{5}(\frac{6}{7}u + \frac{6}{8})$

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

18)  $-\frac{4}{7}(-\frac{4}{5}w - \frac{4}{4})$

19)  $-\frac{4}{5}(\frac{4}{8}y + \frac{3}{8})$

20)  $\frac{4}{7}(\frac{1}{5}z + \frac{2}{2})$

Answers

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

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

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

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10. \_\_\_\_\_

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12. \_\_\_\_\_

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**Answers**

1.  $\frac{4}{48}b - \frac{16}{42}$

2.  $-\frac{8}{24}c + \frac{4}{24}$

3.  $-\frac{2}{10}d + \frac{2}{15}$

4.  $-\frac{15}{40}e + \frac{3}{10}$

5.  $\frac{24}{56}f + \frac{24}{48}$

6.  $\frac{4}{27}g - \frac{4}{45}$

7.  $-\frac{6}{56}h + \frac{4}{21}$

8.  $\frac{4}{64}i + \frac{2}{32}$

9.  $\frac{12}{25}j + \frac{12}{30}$

10.  $\frac{16}{45}k + \frac{8}{40}$

11.  $\frac{10}{72}m + \frac{16}{56}$

12.  $-\frac{6}{27}n - \frac{6}{18}$

13.  $-\frac{15}{36}p - \frac{3}{54}$

14.  $-\frac{2}{48}r + \frac{2}{40}$

15.  $\frac{12}{20}t - \frac{6}{8}$

16.  $\frac{24}{35}u + \frac{24}{40}$

17.  $-\frac{8}{56}v + \frac{12}{14}$

18.  $\frac{16}{35}w + \frac{16}{28}$

19.  $-\frac{16}{40}y - \frac{12}{40}$

20.  $\frac{4}{35}z + \frac{8}{14}$