



Expand each expression.

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

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

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

4)  $\frac{4}{8}\left(\frac{1}{3e}+\frac{2}{5}\right)$

5)  $-\frac{2}{8}\left(\frac{5}{6f}-\frac{2}{8}\right)$

6)  $\frac{2}{9}\left(\frac{4}{6g}+\frac{1}{5}\right)$

7)  $\frac{3}{8}\left(\frac{2}{5h}-\frac{1}{5}\right)$

8)  $\frac{2}{7}\left(\frac{5}{6j}+\frac{4}{8}\right)$

9)  $\frac{3}{9}\left(\frac{5}{8k}+\frac{5}{5}\right)$

10)  $-\frac{4}{9}\left(-\frac{4}{7m}-\frac{5}{6}\right)$

11)  $-\frac{3}{9}\left(\frac{3}{6n}+\frac{3}{9}\right)$

12)  $-\frac{2}{3}\left(\frac{2}{7p}+\frac{4}{7}\right)$

13)  $\frac{4}{9}\left(\frac{8}{9q}+\frac{4}{5}\right)$

14)  $-\frac{3}{4}\left(-\frac{3}{4r}-\frac{2}{8}\right)$

15)  $\frac{3}{6}\left(\frac{4}{5t}+\frac{4}{5}\right)$

16)  $-\frac{2}{4}\left(\frac{1}{5u}-\frac{1}{7}\right)$

17)  $\frac{3}{4}\left(\frac{1}{2v}+\frac{1}{6}\right)$

18)  $\frac{4}{9}\left(\frac{4}{9w}+\frac{5}{7}\right)$

19)  $-\frac{4}{9}\left(\frac{3}{5x}+\frac{3}{9}\right)$

20)  $\frac{3}{5}\left(\frac{6}{9y}-\frac{6}{7}\right)$

Answers

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

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

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**Answers**

1.  $-\frac{16}{36}b + \frac{20}{12}$

2.  $\frac{12}{42}c + \frac{4}{21}$

3.  $\frac{6}{24}d - \frac{2}{16}$

4.  $\frac{4}{24}e + \frac{8}{40}$

5.  $-\frac{10}{48}f + \frac{4}{64}$

6.  $\frac{8}{54}g + \frac{2}{45}$

7.  $\frac{6}{40}h - \frac{3}{40}$

8.  $\frac{10}{42}j + \frac{8}{56}$

9.  $\frac{15}{72}k + \frac{15}{45}$

10.  $\frac{16}{63}m + \frac{20}{54}$

11.  $-\frac{9}{54}n - \frac{9}{81}$

12.  $-\frac{4}{21}p - \frac{8}{21}$

13.  $\frac{32}{81}q + \frac{16}{45}$

14.  $\frac{9}{16}r + \frac{6}{32}$

15.  $\frac{12}{30}t + \frac{12}{30}$

16.  $-\frac{2}{20}u + \frac{2}{28}$

17.  $\frac{3}{8}v + \frac{3}{24}$

18.  $\frac{16}{81}w + \frac{20}{63}$

19.  $-\frac{12}{45}x - \frac{12}{81}$

20.  $\frac{18}{45}y - \frac{18}{35}$