



Expand each expression.

1) $\frac{3}{4}\left(\frac{4}{8b} + \frac{3}{3}\right)$

2) $-\frac{2}{6}\left(\frac{3}{4c} + \frac{3}{9}\right)$

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

4) $-\frac{2}{4}\left(\frac{6}{7e} - \frac{5}{8}\right)$

5) $\frac{4}{9}\left(\frac{4}{9f} + \frac{4}{3}\right)$

6) $-\frac{3}{7}\left(\frac{3}{7g} + \frac{2}{9}\right)$

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

8) $-\frac{3}{5}\left(-\frac{5}{6j} - \frac{3}{3}\right)$

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

10) $-\frac{3}{7}\left(\frac{1}{3m} + \frac{2}{8}\right)$

11) $-\frac{3}{5}\left(-\frac{1}{8n} - \frac{4}{2}\right)$

12) $\frac{2}{9}\left(\frac{5}{6p} + \frac{2}{9}\right)$

13) $-\frac{3}{7}\left(\frac{2}{6q} - \frac{4}{3}\right)$

14) $\frac{3}{7}\left(\frac{1}{2r} + \frac{1}{3}\right)$

15) $\frac{2}{6}\left(\frac{4}{7t} - \frac{6}{6}\right)$

16) $\frac{4}{9}\left(\frac{4}{8u} - \frac{4}{7}\right)$

17) $-\frac{3}{8}\left(\frac{1}{3v} + \frac{1}{9}\right)$

18) $\frac{2}{4}\left(\frac{3}{5w} + \frac{3}{2}\right)$

19) $-\frac{3}{4}\left(\frac{5}{9x} + \frac{6}{8}\right)$

20) $-\frac{4}{7}\left(\frac{6}{9y} + \frac{6}{3}\right)$

Answers

1. _____

2. _____

3. _____

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Answers

1. $\frac{12}{32}b + \frac{9}{12}$

2. $-\frac{6}{24}c - \frac{6}{54}$

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

4. $-\frac{12}{28}e + \frac{10}{32}$

5. $\frac{16}{81}f + \frac{16}{27}$

6. $-\frac{9}{49}g - \frac{6}{63}$

7. $\frac{8}{63}h + \frac{8}{28}$

8. $\frac{15}{30}j + \frac{9}{15}$

9. $-\frac{8}{56}k + \frac{6}{28}$

10. $-\frac{3}{21}m - \frac{6}{56}$

11. $\frac{3}{40}n + \frac{12}{10}$

12. $\frac{10}{54}p + \frac{4}{81}$

13. $-\frac{6}{42}q + \frac{12}{21}$

14. $\frac{3}{14}r + \frac{3}{21}$

15. $\frac{8}{42}t - \frac{12}{36}$

16. $\frac{16}{72}u - \frac{16}{63}$

17. $-\frac{3}{24}v - \frac{3}{72}$

18. $\frac{6}{20}w + \frac{6}{8}$

19. $-\frac{15}{36}x - \frac{18}{32}$

20. $-\frac{24}{63}y - \frac{24}{21}$