



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

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