



Expand each expression.

1) $-\frac{2}{8}\left(\frac{1}{2b} - \frac{1}{9}\right)$

2) $-\frac{4}{8}\left(\frac{1}{2c} + \frac{1}{5}\right)$

3) $-\frac{2}{3}\left(-\frac{1}{4d} - \frac{3}{9}\right)$

4) $\frac{3}{8}\left(\frac{7}{8e} - \frac{4}{8}\right)$

5) $-\frac{4}{6}\left(-\frac{3}{4f} - \frac{3}{2}\right)$

6) $-\frac{2}{7}\left(\frac{5}{9g} - \frac{5}{3}\right)$

7) $\frac{4}{9}\left(\frac{4}{5h} - \frac{1}{3}\right)$

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

9) $-\frac{4}{7}\left(-\frac{2}{6k} - \frac{1}{2}\right)$

10) $-\frac{4}{9}\left(\frac{1}{2m} - \frac{1}{8}\right)$

11) $-\frac{2}{9}\left(\frac{3}{5n} + \frac{3}{4}\right)$

12) $-\frac{4}{5}\left(\frac{1}{8p} - \frac{3}{8}\right)$

13) $-\frac{4}{9}\left(\frac{1}{3q} + \frac{2}{6}\right)$

14) $-\frac{4}{9}\left(\frac{1}{2r} - \frac{1}{3}\right)$

15) $\frac{2}{7}\left(\frac{4}{5t} - \frac{1}{8}\right)$

16) $-\frac{4}{8}\left(\frac{3}{8u} - \frac{7}{9}\right)$

17) $\frac{4}{8}\left(\frac{2}{5v} - \frac{2}{3}\right)$

18) $-\frac{2}{4}\left(\frac{1}{3w} + \frac{2}{7}\right)$

19) $-\frac{3}{8}\left(\frac{3}{4x} - \frac{3}{7}\right)$

20) $\frac{2}{5}\left(\frac{5}{6y} - \frac{5}{6}\right)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



Expand each expression.

1) $-\frac{2}{8}\left(\frac{1}{2b} - \frac{1}{9}\right)$

2) $-\frac{4}{8}\left(\frac{1}{2c} + \frac{1}{5}\right)$

3) $-\frac{2}{3}\left(-\frac{1}{4d} - \frac{3}{9}\right)$

4) $\frac{3}{8}\left(\frac{7}{8e} - \frac{4}{8}\right)$

5) $-\frac{4}{6}\left(-\frac{3}{4f} - \frac{3}{2}\right)$

6) $-\frac{2}{7}\left(\frac{5}{9g} - \frac{5}{3}\right)$

7) $\frac{4}{9}\left(\frac{4}{5h} - \frac{1}{3}\right)$

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

9) $-\frac{4}{7}\left(-\frac{2}{6k} - \frac{1}{2}\right)$

10) $-\frac{4}{9}\left(\frac{1}{2m} - \frac{1}{8}\right)$

11) $-\frac{2}{9}\left(\frac{3}{5n} + \frac{3}{4}\right)$

12) $-\frac{4}{5}\left(\frac{1}{8p} - \frac{3}{8}\right)$

13) $-\frac{4}{9}\left(\frac{1}{3q} + \frac{2}{6}\right)$

14) $-\frac{4}{9}\left(\frac{1}{2r} - \frac{1}{3}\right)$

15) $\frac{2}{7}\left(\frac{4}{5t} - \frac{1}{8}\right)$

16) $-\frac{4}{8}\left(\frac{3}{8u} - \frac{7}{9}\right)$

17) $\frac{4}{8}\left(\frac{2}{5v} - \frac{2}{3}\right)$

18) $-\frac{2}{4}\left(\frac{1}{3w} + \frac{2}{7}\right)$

19) $-\frac{3}{8}\left(\frac{3}{4x} - \frac{3}{7}\right)$

20) $\frac{2}{5}\left(\frac{5}{6y} - \frac{5}{6}\right)$

Answers

1. $-\frac{2}{16}b + \frac{2}{72}$

2. $-\frac{4}{16}c - \frac{4}{40}$

3. $\frac{2}{12}d + \frac{6}{27}$

4. $\frac{21}{64}e - \frac{12}{64}$

5. $\frac{12}{24}f + \frac{12}{12}$

6. $-\frac{10}{63}g + \frac{10}{21}$

7. $\frac{16}{45}h - \frac{4}{27}$

8. $\frac{9}{35}j + \frac{3}{10}$

9. $\frac{8}{42}k + \frac{4}{14}$

10. $-\frac{4}{18}m + \frac{4}{72}$

11. $-\frac{6}{45}n - \frac{6}{36}$

12. $-\frac{4}{40}p + \frac{12}{40}$

13. $-\frac{4}{27}q - \frac{8}{54}$

14. $-\frac{4}{18}r + \frac{4}{27}$

15. $\frac{8}{35}t - \frac{2}{56}$

16. $-\frac{12}{64}u + \frac{28}{72}$

17. $\frac{8}{40}v - \frac{8}{24}$

18. $-\frac{2}{12}w - \frac{4}{28}$

19. $-\frac{9}{32}x + \frac{9}{56}$

20. $\frac{10}{30}y - \frac{10}{30}$