



**Find each product.**

1)  $\frac{13a^2b}{4} \left( \frac{3}{8}a - 2\frac{1}{8}b \right)$

2)  $1\frac{3}{4} \left( 4\frac{6}{7}x + \frac{1}{5}y \right)$

3)  $\frac{17a}{4} \left( 3\frac{1}{6}a + 1\frac{1}{8}b \right)$

4)  $\frac{12x}{7} \left( \frac{1}{2}x - 1\frac{2}{5}y \right)$

5)  $\frac{21x}{8} \left( x + 1\frac{5}{6}y \right)$

6)  $\frac{4a^2}{5} \left( 4\frac{2}{3}a + 2\frac{2}{3}b \right)$

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

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

$$9) \frac{6mn}{5}\left(2\frac{3}{4}m + \frac{3}{5}n\right)$$

$$10) 6\frac{3}{8}\left(2\frac{2}{7}x - 3\frac{1}{6}y\right)$$

$$11) 4\frac{2}{5}\left(1\frac{7}{8}x - \frac{1}{4}y\right)$$

$$12) \frac{9u}{8}\left(\frac{1}{2}u - 1\frac{3}{4}v\right)$$

$$13) \frac{13u}{8} \left( u + 3\frac{1}{6}v \right)$$

$$14) 4\frac{4}{5} \left( 2x + 3\frac{2}{7}y \right)$$

$$15) \frac{3b^2}{2} \left( 3\frac{3}{4}a + 4\frac{5}{8}b \right)$$

$$16) \frac{23x^3}{5} \left( 1\frac{1}{4}x + 4\frac{3}{4}y \right)$$

$$17) 1\frac{3}{5} \left( 4\frac{1}{3}x + \frac{5}{8}y \right)$$

$$18) \frac{9a}{2} \left( 1\frac{1}{2}a + 1\frac{1}{2}b \right)$$

$$19) \frac{7y^2}{5} \left( 1\frac{1}{7}x + \frac{3}{4}y \right)$$

$$20) \frac{1}{2} \left( \frac{1}{2}a - \frac{2}{7}b \right)$$

$$21) 4\frac{5}{6} \left( -6y + 1\frac{4}{5}x \right)$$

$$22) \frac{9x^2}{5} \left( 2\frac{5}{7}x + 1\frac{2}{3}y \right)$$

$$23) \frac{8mn^3}{5} \left( -6n + 1\frac{1}{2}m \right)$$

$$24) \frac{m^2n^3}{3} \left( 1\frac{5}{6}m - 2\frac{5}{6}n \right)$$

$$25) 1\frac{5}{6}\left(1\frac{1}{2}x - 1\frac{1}{6}y\right)$$

$$26) \frac{7x^2y^2}{2}\left(1\frac{2}{3}x + 3\frac{7}{8}y\right)$$

$$27) \frac{7uv^2}{6}\left(7u - 2\frac{3}{4}v\right)$$

$$28) \frac{y^3}{3}\left(-7y + \frac{2}{3}x\right)$$

$$29) \frac{4}{7}\left(1\frac{3}{4}u + 3\frac{3}{4}v\right)$$

$$30) 4\frac{2}{3}\left(2\frac{2}{5}x + \frac{1}{6}y\right)$$

- 1)  $1\frac{7}{32}a^3b - 6\frac{29}{32}a^2b^2$       2)  $8\frac{1}{2}x + \frac{7}{20}y$       3)  $13\frac{11}{24}a^2 + 4\frac{25}{32}ab$
- 4)  $\frac{6}{7}x^2 - 2\frac{2}{5}xy$       5)  $2\frac{5}{8}x^2 + 4\frac{13}{16}xy$       6)  $3\frac{11}{15}a^3 + 2\frac{2}{15}a^2b$       7)  $\frac{13}{16}x - \frac{13}{14}y$
- 8)  $1\frac{7}{20}m - 2\frac{13}{16}n$       9)  $3\frac{3}{10}m^2n + \frac{18}{25}mn^2$       10)  $14\frac{4}{7}x - 20\frac{3}{16}y$       11)  $8\frac{1}{4}x - 1\frac{1}{10}y$
- 12)  $\frac{9}{16}u^2 - 1\frac{31}{32}uv$       13)  $1\frac{5}{8}u^2 + 5\frac{7}{48}uv$       14)  $9\frac{3}{5}x + 15\frac{27}{35}y$       15)  $5\frac{5}{8}b^2a + 6\frac{15}{16}b^3$
- 16)  $5\frac{3}{4}x^4 + 21\frac{17}{20}x^3y$       17)  $6\frac{14}{15}x + y$       18)  $6\frac{3}{4}a^2 + 6\frac{3}{4}ab$       19)  $1\frac{3}{5}y^2x + 1\frac{1}{20}y^3$
- 20)  $\frac{1}{4}a - \frac{1}{7}b$       21)  $-29y + 8\frac{7}{10}x$       22)  $4\frac{31}{35}x^3 + 3x^2y$
- 23)  $-9\frac{3}{5}mn^4 + 2\frac{2}{5}m^2n^3$       24)  $\frac{11}{18}m^3n^3 - \frac{17}{18}m^2n^4$       25)  $2\frac{3}{4}x - 2\frac{5}{36}y$
- 26)  $5\frac{5}{6}x^3y^2 + 13\frac{9}{16}x^2y^3$       27)  $8\frac{1}{6}u^2v^2 - 3\frac{5}{24}uv^3$       28)  $-2\frac{1}{3}y^4 + \frac{2}{9}y^3x$
- 29)  $u + 2\frac{1}{7}v$       30)  $11\frac{1}{5}x + \frac{7}{9}y$