

$$321 \dots \left(\frac{1}{2}x - \frac{5}{3}y - \frac{1}{4}xy\right) + \left(\frac{3}{2}y + 2xy\right). \quad \left[\frac{1}{2}x - \frac{1}{6}y + \frac{7}{4}xy\right]$$

$$322 \dots \left(2a^2 + \frac{1}{4}a - \frac{5}{3}\right) + \left(-\frac{1}{4}a^2 + \frac{1}{4}a + 2\right). \quad \left[\frac{7}{4}a^2 + \frac{1}{2}a + \frac{1}{3}\right]$$

$$323 \dots \left(\frac{7}{2}x^4 + \frac{5}{6}x^2 - 10\right) - \left(-\frac{1}{4}x^4 + \frac{1}{9}x^2 + 8\right). \quad \left[\frac{15}{4}x^4 + \frac{13}{18}x^2 - 18\right]$$

$$324 \dots \left(\frac{3}{4}a^3 + \frac{4}{9}ab - \frac{11}{3}b^2\right) - \left(\frac{1}{6}a^3 + \frac{4}{9}ab + b^2\right). \quad \left[\frac{7}{12}a^3 - \frac{14}{3}b^2\right]$$

$$325 \dots \left(x^5 - \frac{1}{6}x^3 + x\right) + \left(-\frac{1}{2}x^5 - \frac{13}{12}x^3 + \frac{8}{3}x\right) - \left(\frac{1}{2}x^5 - \frac{5}{4}x^3 + \frac{1}{4}x\right). \quad \left[\frac{41}{12}x\right]$$

$$326 \dots \left(\frac{1}{2}x^3y^2 + x^2y^3 + \frac{2}{5}x^4y^3 - \frac{1}{4}\right) - \left(x^2y^3 + \frac{3}{7}x^3y^2\right) + \left(\frac{11}{9}x^2y^3 - \frac{2}{5}x^4y^3 + \frac{1}{8}\right). \quad \left[\frac{11}{9}x^2y^3 + \frac{1}{14}x^3y^2 - \frac{1}{8}\right]$$

$$327 \dots -\left[-\left(\frac{1}{2}ab - \frac{2}{3}b\right) + \frac{1}{6}ab\right] + \frac{5}{3}ab. \quad \left[2ab - \frac{2}{3}b\right]$$

$$328 \dots -\left\{\left[\left(\frac{3}{5}x^2y + \frac{3}{10}x^2\right) - \left(-\frac{1}{2}x^2y\right)\right] - \left(\frac{6}{5}x^2 - 1\right)\right\} + \frac{7}{2}x^2. \quad \left[-\frac{11}{10}x^2y + \frac{22}{5}x^2\right]$$

$$329 \dots -\left(\frac{1}{2}b^2 + \frac{3}{4}ac\right) - \left\{\left[-\left(-b^2 + \frac{1}{2}ac\right) + \left(-\frac{1}{2}b^2 + 3ac\right)\right] - b^2\right\}. \quad \left[-\frac{13}{4}ac\right]$$

$$330 \dots \left\{\left(\frac{1}{4}x - \frac{3}{2}y\right) - \left[x - \left(\frac{1}{2}x + 3y - 2\right) - \left(\frac{7}{4}x - 4y - 8\right)\right] - (-y - 9)\right\} - \left(\frac{5}{4}x - \frac{4}{5}\right). \quad \left[\frac{1}{4}x - \frac{3}{2}y - \frac{1}{5}\right]$$

$$331 \dots -\left\{\left[\frac{1}{2}a - \left(\frac{3}{4}c + 2b - 7 - \frac{8}{3}a\right) - \left(\frac{1}{4}c - a\right)\right] - \left(\frac{3}{5}b + 2a - 3\right)\right\} + 10. \quad \left[-\frac{13}{6}a + \frac{13}{5}b + c\right]$$

$$332 \dots \frac{1}{3} + \left\{\left[\frac{4}{5}m^2n - \left(m^2n - \frac{1}{2}mn^2 + \frac{7}{3}mn + 1\right)\right] - \left(-\frac{3}{2}m^2n + mn^2\right)\right\} + \frac{3}{4}mn - \left[-\frac{1}{2}mn - \left(-\frac{3}{5}m^2n + \frac{1}{4}mn^2 - \frac{1}{2}mn + \frac{2}{3}\right)\right]. \quad \left[\frac{7}{10}m^2n - \frac{1}{4}mn^2 - \frac{37}{12}mn\right]$$

181. ►► Per ciascuna divisione individua il quoziente corrispondente.

a) $-8a^6b : 4ab$ $\left\{ \begin{array}{l} -2a^5b \\ -2a^5 \\ 2a^5b \end{array} \right.$

b) $-6xy^5 : (-2xy)$ $\left\{ \begin{array}{l} 3xy^4 \\ -3y^4 \\ 3y^4 \end{array} \right.$

c) $-\frac{2}{3}ab^2 : \frac{3}{2}b$ $\left\{ \begin{array}{l} -ab \\ -\frac{4}{9}ab \\ -\frac{4}{9}b \end{array} \right.$

d) $-\frac{1}{2}x^3y^2 : (-x)$ $\left\{ \begin{array}{l} 2x^2y^2 \\ -\frac{1}{2}x^2y^2 \\ \frac{1}{2}x^2y^2 \end{array} \right.$

182. ►► Completa la tabella scrivendo i monomi divisori.

↗:									
$72a^9b^7$	$36ab$	$8a^3b^5$	$-18a^8b^8$	$9a^9$	$72b^7$	$-72b^2$	a^9b^7	$-12a^8b^6$	$-36ab^7$

Calcola i seguenti quozienti.

183. ► $11a^5b : (-a^3);$ $10a^7 : 2a^6;$ $-8a^2 : (-2a).$

184. ► $-9a^6b^6 : (3ab);$ $-11x^7 : (-x^5);$ $-21x^3z : (3z).$

185. ► $-10a^3b : (-ab);$ $12a^6b : (-2a);$ $-36x^3y^5 : (-6xy).$

186. ►► $-30ab^3x^5 : (-8abx);$ $-45x^6y^6 : (-20xy^5);$ $90abx : (-81a).$

187. ►► $\frac{2}{3}x^9 : (-3x^5);$ $8a^5b^6 : \left(-\frac{1}{2}ab^4\right);$ $-4y^5 : \left(-\frac{3}{2}y\right).$

188. ►►► $-\frac{1}{4}ax^7 : \left(-\frac{3}{2}ax^5\right);$ $\frac{1}{6}m^6n^8 : \left(-\frac{3}{2}mn^2\right);$ $\frac{8}{9}m^4n^2x^2 : \left(\frac{4}{3}mn^2\right).$