

$$\begin{array}{r}
 a^3 + 2ax + 4x^2 \quad a^3 + a^2x + 16x^4 \quad a^3 - 2ax + 4x^2 \\
 \hline
 -2ax^3 + 16x^4 \\
 -2ax^3 - 4a^2x^2 - 8ax^3 \\
 \hline
 +4a^2x^2 + 8ax^3 + 16x^4 \\
 +4a^2x^2 + 8ax^3 + 16x^4
 \end{array}$$

$$\begin{array}{r}
 a^3 + c^3 - ac^2 - ac^3 \quad a^3 + a^2c + a^4 + c^4 - ac^4 - 2a^2c^2 \quad (a^2 + a + c^2 + c) \\
 \hline
 a^3c^2 + a^2c^3 + ac^4 + ac^5 - 2a^2c^2 \\
 + a^3c + 2a^2c^2 + a^2c^3 + ac^4 + c^5 - 2a^2c^2 \\
 \hline
 + 2a^2c^3 + 4a^2c^2 + 2ac^3
 \end{array}$$

$$\begin{array}{r}
 a^3 + c^3 - ac^2 - ac^3 \quad a^3 + c^3 + a^4 + c^4 - ac^4 - 2a^2c^2 \quad (a^2 + a - c^2 + c) \\
 \hline
 + a^3c + 2a^2c^2 + a^2c^3 + ac^4 + c^5 - 2a^2c^2 \\
 - ac^2 + ac^3 - a^2c^3 + a^2c^2 + ac^3 - ac^4 + c^4 + c^5 \\
 - a^3c - a^2c^2 + a^2c^3 + ac^3 - 2ac^4 + c^4 + 2c^5 \\
 \hline
 - 2a^3c + 2a^2c^2 + 2ac^3
 \end{array}$$

Man.

$$\frac{a^3}{a^2c^3}$$

$$\begin{array}{r}
 a^3 + c^3 - ac^2 - ac^3 \quad a^3 + a^2c + a^4 + c^4 - ac^4 - 2a^2c^2 \quad (a^2 + a - c^2 + c) \\
 \hline
 + a^3c + 2a^2c^2 + a^2c^3 + ac^4 + c^5 - 2a^2c^2 \\
 - a^3c^2 - a^2c^3 + a^2c^2 + ac^4 + c^5 - 2a^2c^2 \\
 \hline
 - a^3c + 2a^2c^2 + a^2c^3 + ac^4 + c^5 - 2a^2c^2 \\
 - a^3c^2 + a^2c^3 + ac^4 + c^5 - 2a^2c^2 \\
 \hline
 + 2c^4 + 2c^5 - 2a^2c^2 + c^5
 \end{array}$$

$$\begin{array}{r}
 a + 1 + c \quad a^3 + b^3 + c^3 - 3abc \quad (a^2 + ab + b^2 - ab^2c) \\
 \hline
 - a^2b + b^2a + a^2c + c^2 - 3abc \\
 - a^2b + b^2a + a^2c + c^2 - 3abc \\
 \hline
 - a^2b + b^2a + a^2c + c^2 - 3abc \\
 - a^2b + b^2a + a^2c + c^2 - 3abc
 \end{array}$$