

What Did the Carpenters Call Their Bass Quartet?

Simplify each expression. Assume that no divisor equals zero. Find your answer in the set of answers under the exercise and cross out the box above it. When you finish, the answer to the title question will remain.

1	$\frac{6x+9}{3}$	6	$\frac{12v^5-27v^4}{3v^2}$	11	$\frac{8a^3+4a^2-24a}{4a}$
2	$\frac{18x^2-50}{2}$	7	$\frac{30u^4-6u}{-6u}$	12	$\frac{21ab^3+14a^2b+35a^4}{7a}$
3	$\frac{12x^2+20x}{4x}$	8	$\frac{u^2v+uv^2}{uv}$	13	$\frac{2a^3b-6a^2b^2+16ab^3}{-2ab}$
4	$\frac{20x^3+5x^2}{5x}$	9	$\frac{8uv^4-14u^2v^3}{2uv}$	14	$\frac{45a^2b^4-60a^3b^2-15a^2b}{15a^2b}$
5	$\frac{2x^3-7x^2}{x^2}$	10	$\frac{-10u^3v^2+5u^2v^5}{-5u^2v}$	15	$\frac{15a^5b^4+3a^4b^5-6a^3b^6}{3a^2b^3}$

A	4	T	O	S	H	2	N	E	B	8	T	A	L	U	R	O	B	E	A	S	4	N
$2x-7$	$3x+5$	$4x^2+5$	$2x+3$	$4x^2+x$	$3x-25$	$9x^2-25$	$4v^3-7uv^2$	$2uv-5v$	$4v^3-9v^2$	$u+v$	$4v^3+2v$	$2uv-v^4$	$-5u^3+1$	$2a^2-a-1$	$3b^3-4ab-1$	$3b^3+2ab+5a^3$	$-a^2-4ab+1$	$2a^2+a-6$	$3b^3-3ab-8b^2$	$5a^3b+a^2b^2-2ab^3$	$5a^3b+a^2b^3-4ab^2$	$-a^2+3ab-8b^2$

Divide and write your answer as a polynomial or mixed expression. Cross out the box containing your answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

$$\textcircled{1} \quad \frac{x^2 + 8x + 15}{x + 5}$$

⑦ $\frac{x^2+4}{x-3}$

$$\textcircled{4} \quad \frac{x^2 - x + 12}{x - 6}$$

$$\textcircled{2} \quad \frac{2x^2 + 3x - 14}{x - 2}$$

⑧ $\frac{2x^2 - 3x - 1}{2x + 1}$

(5) $\frac{3x^2 - 5x - 11}{x + 1}$

$$\textcircled{3} \quad \frac{x^2 - 5x + 8}{x - 3}$$

⑨ $\frac{6x^2 - 7x + 5}{3x - 5}$

$$\textcircled{6} \quad \frac{x^2 + 1 + 8x}{x + 4}$$

TH	HE	AT	ST	SH
$x - 2 + \frac{2}{x-3}$	$x + 3 + \frac{13}{x-3}$	$2x + 2 + \frac{6}{3x-5}$	$x + 5 + \frac{42}{x-6}$	$2x + 1 + \frac{10}{3x-5}$
RA	SK	OT	IN	HI
$x - 3 + \frac{3}{2x+1}$	$x + 3$	$x - 2 + \frac{1}{2x+1}$	$3x - 6 - \frac{5}{x+1}$	$x + 4 + \frac{9}{x-3}$
BE	TH	HU	NT	IM
$3x - 8 - \frac{3}{x+1}$	$x + 2 - \frac{11}{x+4}$	$2x + 7$	$x + 4 - \frac{15}{x+4}$	$x + 7 + \frac{33}{x-6}$