Farewell Words 3

Some accounts say that Te Arawa was the largest *waka*[1] to sail to Aotearoa from Hawaiki. Tama Te Kapua was the *rangatira*[2] of the *waka*. Houmai, Tama Te Kapua's father was too old to sail the long journey to Aotearoa with his son on Te Arawa. He chose to stay behind in Hawaiki, where he died shortly after Te Arawa sailed. Before Te Arawa sailed, he had some wise words to share with his son.

To discover more of Houmai's farewell words to Tama Te Kapua and his *whanau*[3], simplify the expressions below using index notations. The letter beside each question and its answer will give the puzzle code.

$a^2 \times a^5 =$ **A**	$a^2 \times a^3 \times a^6 =$ **E**	$a^{12} \times a^3 =$ **B**
$2a^2 \times 4a^5 =$ **E**	$a^4 \times a^4 =$ **A**	$7a \times 2a =$ **Y**
$a^4 \times a =$ **D**	$2a \times 3a \times 4a =$ **G**	$a^5 \times a^4 =$ **A**
$5a^5 \times 4a^4 \times 3a^3 \times 2a^2 \times a =$ **I**	$\dfrac{a^5}{a^3} =$ **L**	$4a^5 \times 3a^7 =$ **E**
$a \times 5a^3 =$ **E**	$\dfrac{a^7}{a^3} =$ **N**	$\dfrac{a^7}{a} =$ **O**
$\dfrac{14a^2}{2a} =$ **P**	$\dfrac{24a^5}{3a^2} =$ **R**	$\dfrac{7a^3}{5a^2} =$ **T**
$\dfrac{6a^3}{24a} =$ **U**	$\dfrac{12a^5}{18a} =$ **W**	

a^{15}	$\dfrac{a^2}{4}$	$120a^{15}$	a^2	a^5	a	$\dfrac{a^2}{4}$	$7a$	a	a^7	a	$24a^3$	$8a^3$	a^{11}	a^8	$\dfrac{7a}{5}$	a	a^4	$8a^7$	$\dfrac{2a^4}{3}$

$7a$	$12a^{12}$	a^6	$7a$	a^2	$5a^4$	a	$120a^{15}$	a^4	a	$14a^2$	a^6	$\dfrac{a^2}{4}$	$8a^3$	a	a^4	a^{11}	$\dfrac{2a^4}{3}$	a	a^2	a^9	a^4	a^5

[1]*Waka* (canoe); [2]*Rangatira* (chief); [3]*Whanau* (people);