

**Egyptian Decomposition of  $2/n$  (other than  $2/(3k) = 1/(2k) + 1/(6k)$ )**

$2/5 = 1/3 + 1/15$	$2/53 = 1/30 + 1/318 + 1/795$
$2/7 = 1/4 + 1/28$	$2/55 = 1/30 + 1/330$
$2/11 = 1/6 + 1/66$	$2/59 = 1/36 + 1/236 + 1/531$
$2/13 = 1/8 + 1/52 + 1/104$	$2/61 = 1/40 + 1/244 + 1/488 + 1/610$
$2/17 = 1/12 + 1/51 + 1/68$	$2/65 = 1/39 + 1/195$
$2/19 = 1/12 + 1/76 + 1/114$	$2/67 = 1/40 + 1/355 + 1/536$
$2/23 = 1/12 + 1/276$	$2/71 = 1/40 + 1/568 + 1/710$
$2/25 = 1/15 + 1/75$	$2/73 = 1/60 + 1/219 + 1/292 + 1/365$
$2/29 = 1/24 + 1/58 + 1/174 + 1/232$	$2/77 = 1/44 + 1/308$
$2/31 = 1/20 + 1/124 + 1/155$	$2/79 = 1/60 + 1/237 + 1/316 + 1/790$
$2/35 = 1/30 + 1/42$	$2/83 = 1/60 + 1/332 + 1/415 + 1/498$
$2/37 = 1/24 + 1/111 + 1/296$	$2/85 = 1/51 + 1/255$
$2/41 = 1/24 + 1/246 + 1/328$	$2/89 = 1/60 + 1/356 + 1/534 + 1/890$
$2/43 = 1/42 + 1/86 + 1/129 + 1/301$	$2/91 = 1/70 + 1/130$
$2/47 = 1/30 + 1/141 + 1/470$	$2/95 = 1/60 + 1/380 + 1/570$
$2/49 = 1/28 + 1/196$	$2/97 = 1/56 + 1/679 + 1/776$
$2/61 = 1/34 + 1/102$	$2/101 = 1/101 + 1/202 + 1/303 + 1/606$