

Matching partitioned calculations

Which calculations give the same answer?

$30 + 6$
$40 + 9$
$50 + 7$
$70 + 5$

$20 + 29$
$20 + 37$
$10 + 26$
$20 + 55$

$50 + 8$
$20 + 9$
$40 + 3$
$70 + 5$

$50 + 25$
$10 + 19$
$20 + 38$
$10 + 33$

$30 + 18$
$50 + 22$
$60 + 21$
$60 + 32$

$60 + 12$
$40 + 52$
$20 + 28$
$50 + 31$

$30 + 23$
$20 + 56$
$40 + 32$
$20 + 29$

$40 + 36$
$30 + 19$
$10 + 43$
$60 + 12$

Challenge: can you think of any other ways to partition these numbers?
24, 32, 48, 56, 67

Partitioning in different ways

$30 + 4$	Is the same as	$20 + 14$	and	$10 + 24$
$40 + 8$	Is the same as	$30 + 18$	and	
$50 + 6$	Is the same as		and	
$60 + 3$	Is the same as		and	$30 + 33$
$70 + 9$	Is the same as		and	
$80 + 6$	Is the same as	$50 + 26$	and	
$90 + 5$	Is the same as		and	