$\{a,d,f\}$	$\{a, c, d\}$	$\{a,c,f\}$	$\{c,d,f\}$
$\{a,e,f\}$	$\{a,b,f\}$	$\{b,c,d\}$	$\{c,d,e\}$
$\{a,b,e\}$	$\{b, c, e\}$	$\{b,e,f\}$	$\{b,d,e\}$
$\{a,b,c\}$	$\{a,d,e\}$	$\{b,d,f\}$	$\{c,e,f\}$
$\{a,c,e\}$	$\{a,b,d\}$	$\{b,c,f\}$	$\{d, e, f\}$