



$\{1\}:0, \{2\}:0, \{3\}:0, \{4\}:4$

$\{1,2\}:4, \{1,3\}:7, \{1,4\}:5, \{2,3\}:4, \{2,4\}:10, \{3,4\}:4$

$\{1,2,3\}:16, \{1,2,4\}:16, \{1,3,4\}:16, \{2,3,4\}:20$

$\{1,2,3,4\}:23$