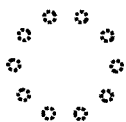


$v = 10$

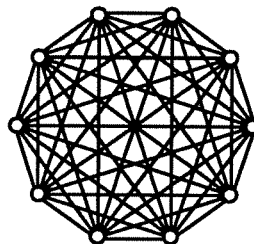
0-regular

9-regular

E_8



\sim



K_{10}
 $g:f = 3:120, S$
 S_{10} (ord 3,628,800)

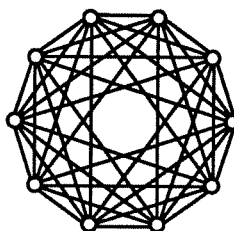
1-reg

8-reg

$5K_2$



\sim



$K_{2,2,2,2,2}$
 $g:f = 3:80, S$
 $S_5(Z_2)$ (ord 3840)

2-reg

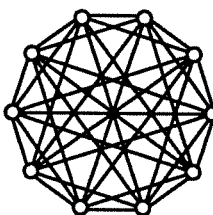
7-reg

$2K_3 + C_4$

1



\sim



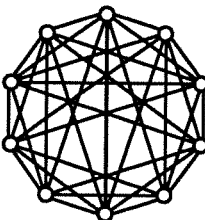
$g:f = 3:48$
 $Z_2(S_3) \times D_4$ (ord 576)

$C_3 + C_7$

2



\sim



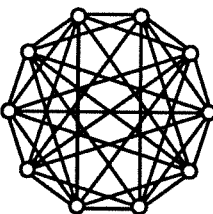
$g:f = 3:49$
 $D_7 \times S_3$ (ord 84)

$C_4 + C_6$

3



\sim



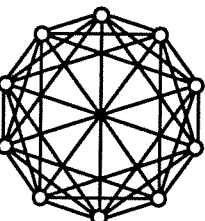
$g:f = 3:50$
 $D_6 \times D_4$ (ord 96)

$2C_5$

4



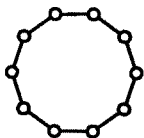
\sim



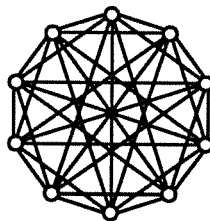
$g:f = 3:50, T$
 $Z_2(D_5)$ (ord 200)

C_{10} , 10-cycle, decagon
 $g:f = 10:1$, B S
 D_{10} (ord 20)

5



~



$g:f = 3:50$

T

3-reg

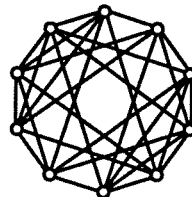
6-reg

$K_4 + K_{3,3}$

1



~



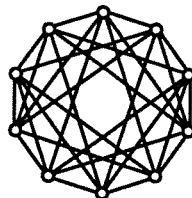
$g:f = 3:26$
 $Z_2(S_3) \times S_4$ (ord 1728)

$K_4 + 3$ -prism

2



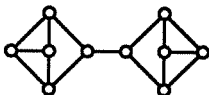
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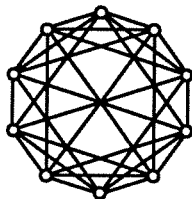
$g:f = 3:24$
 $S_4 \times D_6$ (ord 288)

$g:f = 3:4$, $d = 5$, P, non-H
 $Z_2(Z_2 \times Z_2)$ (ord 32)

3



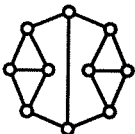
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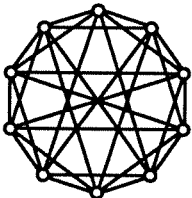
$g:f = 3:26$

$g:f = 3:4$, $d = 4$, P
 $D_4 \times Z_2$ (ord 16)

4



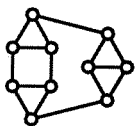
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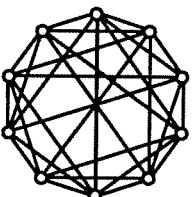
$g:f = 3:26$

$g:f = 3:4$, P
 $Z_2 \times Z_2 \times Z_2$ (ord 8)

5



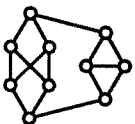
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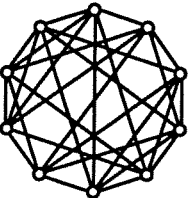
$g:f = 3:26$

$g:f = 3:2$
 $D_4 \times Z_2$ (ord 16)

6



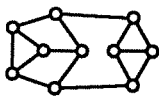
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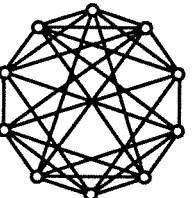
$g:f = 3:28$

$g:f = 3:3$, $d = 4$, P
 $Z_2 \times Z_2$ (ord 4)

7



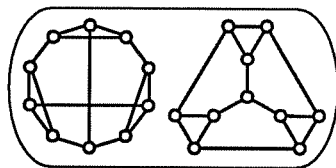
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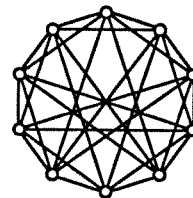
$g:f = 3:27$

tri-truncated tetrahedron
 $g:f = 3:3$, P
 S_3 (ord 6)

8



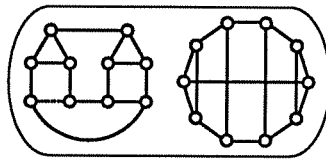
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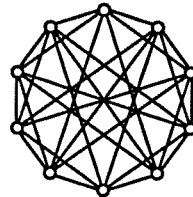
$g:f = 3:27$

$g:f = 3:2$, P
 $Z_2 \times Z_2$

9



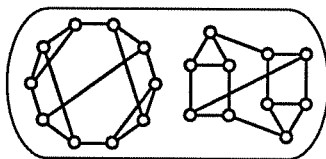
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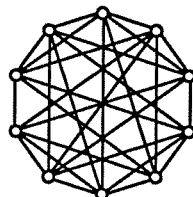
$g:f = 3:28$

$g:f = 3:2$, P
 Z_2

10



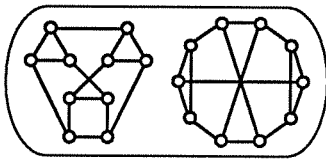
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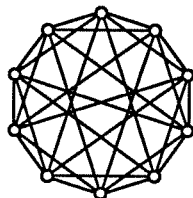
$g:f = 3:28$

$g:f = 3:2$
 D_4 (ord 8)

11



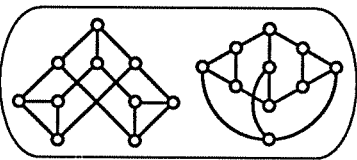
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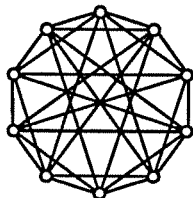
$g:f = 3:28$

$g:f = 3:2$
 $D_6 = S_3 \times Z_2$ (ord 12)

12



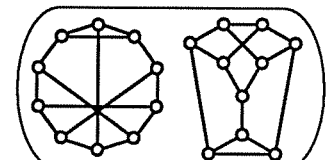
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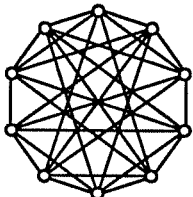
$g:f = 3:28$

$g:f = 3:1$
 Z_2

13



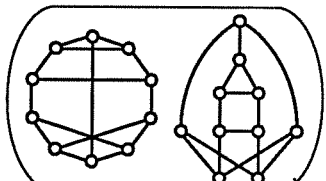
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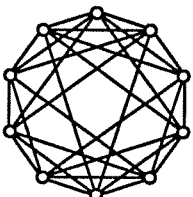
$g:f = 3:29$

$g:f = 3:1$
 $Z_2 \times Z_2$

14



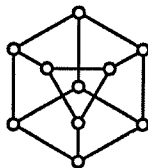
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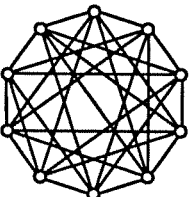
$g:f = 3:29$

unitruncated cube
 $g:f = 3:1$, P
 S_3 (ord 6)

15



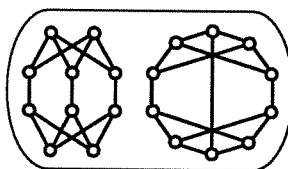
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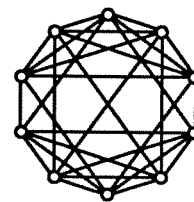
$g:f = 3:29$

$g:f = 4:6$, B
 $D_4 \times S_3$ (ord 48)

16



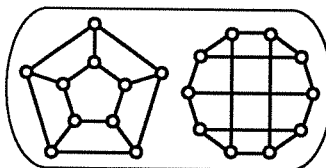
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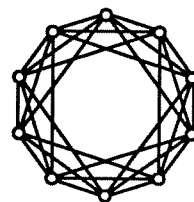
$g:f = 3:30$

5-prism
 $g:f = 4:5$, P T
 $D_{10} = D_5 \times D_2$ (ord 20)

17



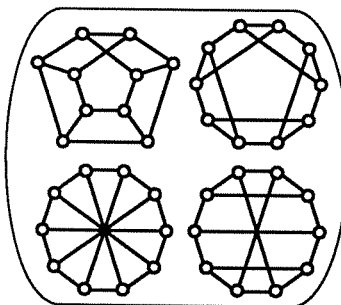
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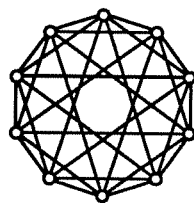
$g:f = 3:30$
 T

5-Möbius-ladder
 $g:f = 4:5$, B T
 D_{10} (ord 20)

18



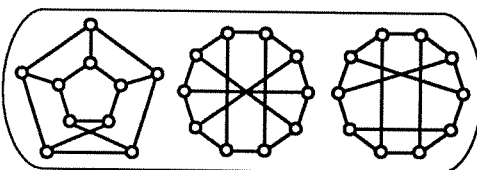
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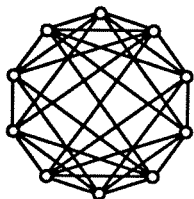
$g:f = 3:30$
 T

$g:f = 4:3$
 $Z_2 \times Z_2$

19



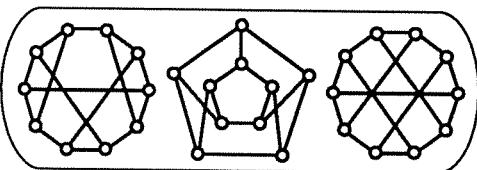
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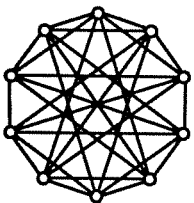
$g:f = 3:30$

$g:f = 4:2$
 $Z_2 \times Z_2 \times Z_2$ (ord 8)

20

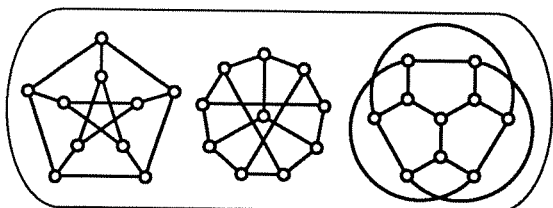


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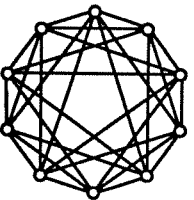


$g:f = 3:30$

Petersen graph
 $g:f = 5:12$, S non-H 21
 S_5 (ord 120)

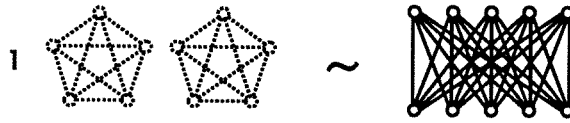


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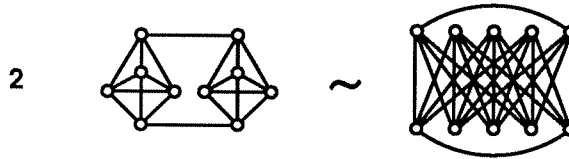
$g:f = 3:30$
 S

$2K_5$



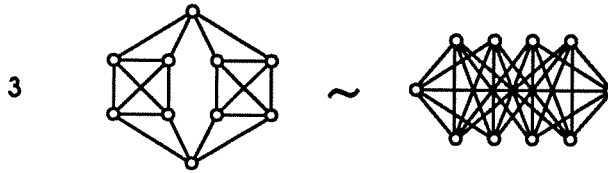
$K_{5,5}$
 $g:f = 4:100, B S$
 $Z_2(S_5)$ (ord 28,800)

$g:f = 3:14$
 $Z_2(S_3) \times Z_2$ (ord 144)



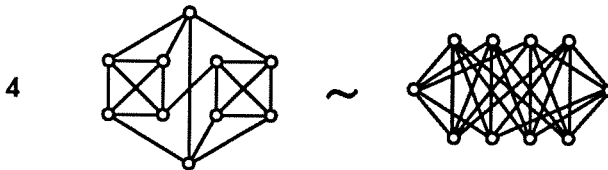
$g:f = 3:6$

$g:f = 3:12$
(ord 64)



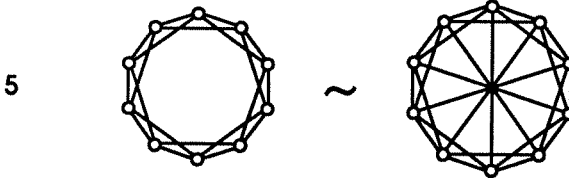
$g:f = 3:8$

$g:f = 3:10$
 D_4 (ord 8)



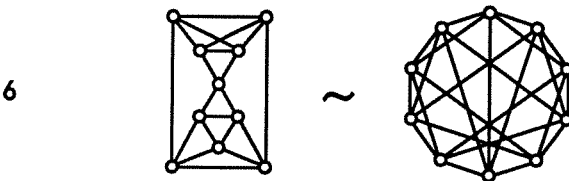
$g:f = 3:10$

5-antiprism
 $g:f = 3:10, P T$
 D_{10} (ord 20)



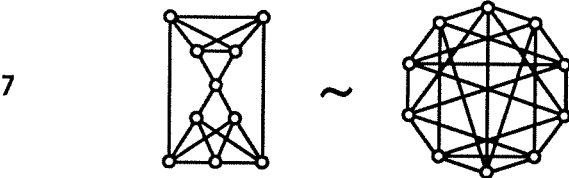
$g:f = 3:10$
 T

$g:f = 3:10$
 $Z_2 \times Z_2$



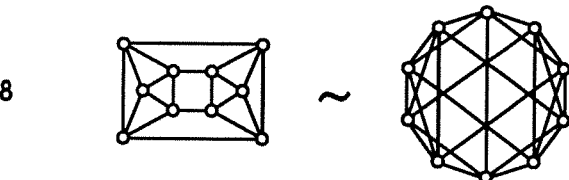
$g:f = 3:10$

$g:f = 3:9$
 $Z_2 \times Z_2 \times Z_2$ (ord 8)



$g:f = 3:11$

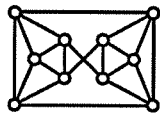
$g:f = 3:8, P$
 $D_4 \times Z_2$ (ord 16)



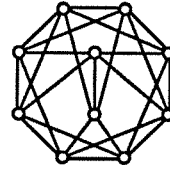
$g:f = 3:12$

$g:f = 3:8$
 D_4 (ord 8)

9



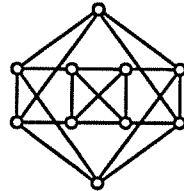
\sim



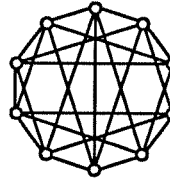
$g:f = 3:12$

$g:f = 3:8$
 $D_4 \times Z_2$ (ord 16)

10



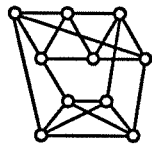
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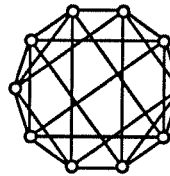
$g:f = 3:12$

$g:f = 3:8$
 Z_2

11



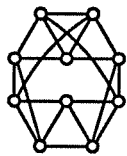
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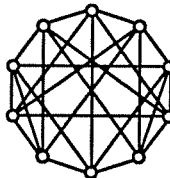
$g:f = 3:12$

$g:f = 3:8$
 Z_2

12



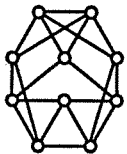
\sim



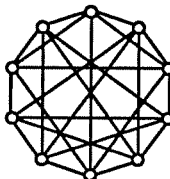
$g:f = 3:12$

$g:f = 3:8$
 $Z_2 \times Z_2$

13



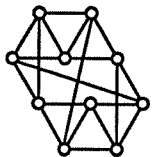
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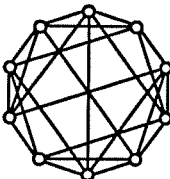
$g:f = 3:12$

$g:f = 3:8$
 $Z_2 \times Z_2$

14



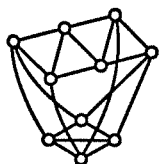
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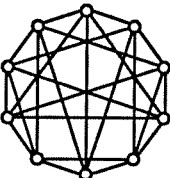
$g:f = 3:12$

$g:f = 3:8$
 Z_2

15



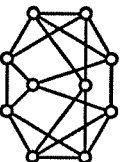
\sim



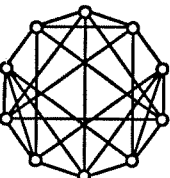
$g:f = 3:12$

$g:f = 3:8$
 $D_4 \times Z_2$ (ord 16)

16



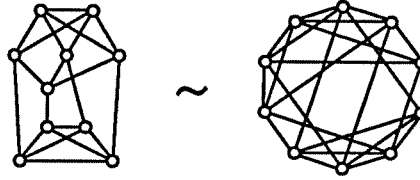
\sim



$g:f = 3:12$

$g:f = 3:7$
 $S_3 \times Z_2$ (ord 12)

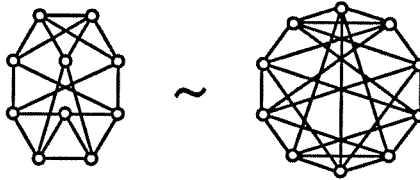
17



$g:f = 3:13$

$g:f = 3:7$
 $Z_2 \times Z_2 \times Z_2$ (ord 8)

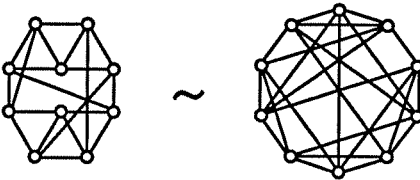
18



$g:f = 3:13$

$g:f = 3:7$
i precedents: #19, 30, 31, 41

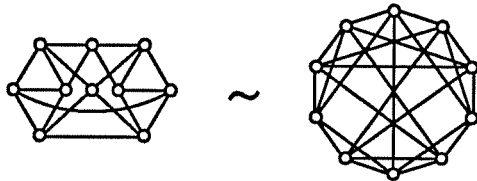
19



$g:f = 3:13$

$g:f = 3:7$
 Z_2

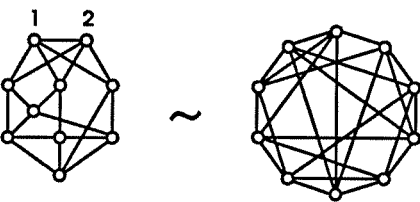
20



$g:f = 3:13$

$g:f = 3:7$
 Z_2 : transposition (1 2)

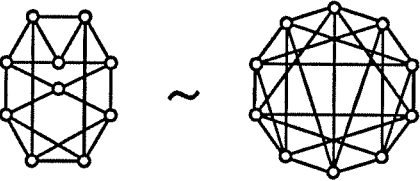
21



$g:f = 3:13$

$g:f = 3:7$
 Z_2

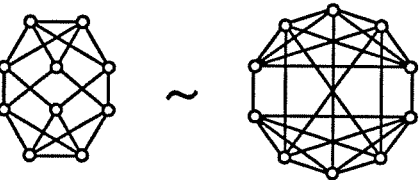
22



$g:f = 3:13$

$g:f = 3:6$
 $D_4 \times S_3$ (ord 48)

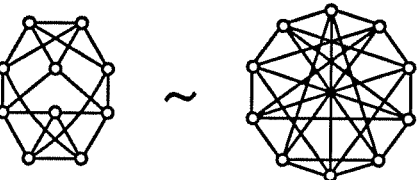
23



$g:f = 3:14$

$g:f = 3:6$
 $Z_2 \times Z_2$

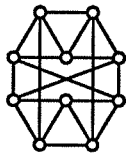
24



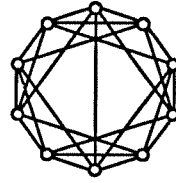
$g:f = 3:14$

$g:f = 3:6$
 $Z_2 \times Z_2$

25



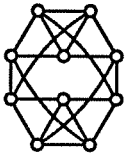
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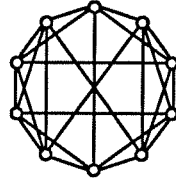
$g:f = 3:14$

$g:f = 3:6$
 $Z_2 \times Z_2$

26



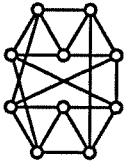
\sim



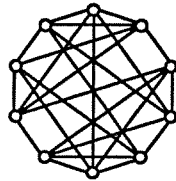
$g:f = 3:14$

$g:f = 3:6$
 Z_2

27



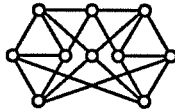
\sim



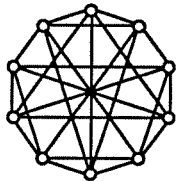
$g:f = 3:14$

$g:f = 3:6$
 Z_2

28



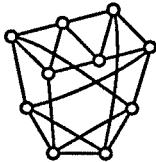
\sim



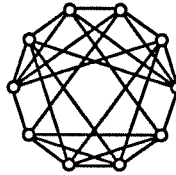
$g:f = 3:14$

$g:f = 3:6$
 $Z_2 \times Z_2$

29



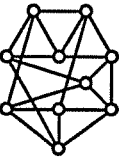
\sim



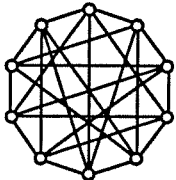
$g:f = 3:14$

$g:f = 3:6$
 i

30



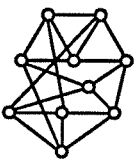
\sim



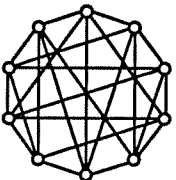
$g:f = 3:14$

$g:f = 3:6$
 i

31



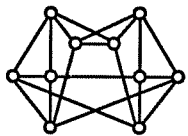
\sim



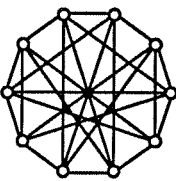
$g:f = 3:14$

$g:f = 3:6$
 Z_2

32



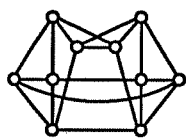
\sim



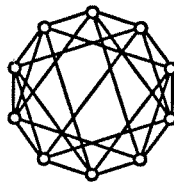
$g:f = 3:14$

$g:f = 3:6$
 $Z_2 \times Z_2$

33



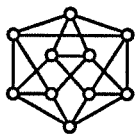
\sim



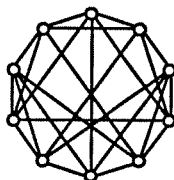
$g:f = 3:14$

$g:f = 3:6$
 $Z_2 \times Z_2$

34



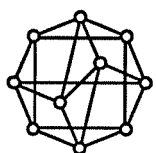
\sim



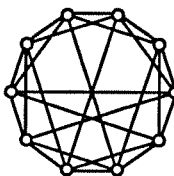
$g:f = 3:14$

$g:f = 3:6$
 $Z_2 \times Z_2$

35



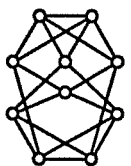
\sim



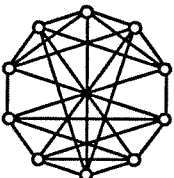
$g:f = 3:14$

$g:f = 3:5$
 $Z_2 \times Z_2 \times Z_2$ (ord 8)

36



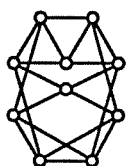
\sim



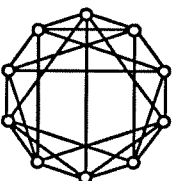
$g:f = 3:15$

$g:f = 3:5$
 Z_2

37



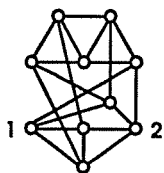
\sim



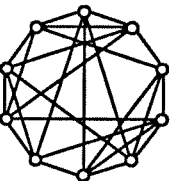
$g:f = 3:15$

$g:f = 3:5$
 Z_2 : transposition (1 2)

38



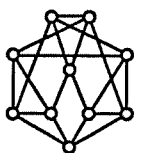
\sim



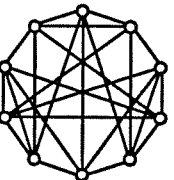
$g:f = 3:15$

$g:f = 3:5$
 Z_2

39



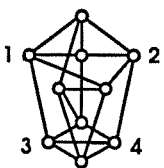
\sim



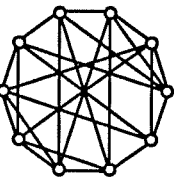
$g:f = 3:15$

$g:f = 3:5$
 Z_2 : bitransposition (1 2)(3 4)

40



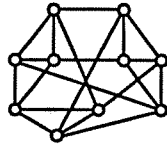
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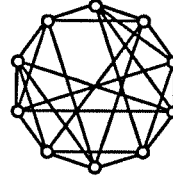
$g:f = 3:15$

$g:f = 3:5$
 i

41



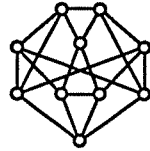
\sim



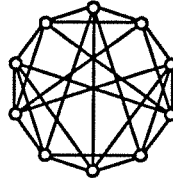
$g:f = 3:15$

$g:f = 3:5$
 Z_2

42



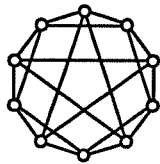
\sim



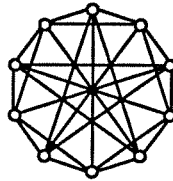
$g:f = 3:15$

$g:f = 3:5$
 D_5 (ord 10)

43



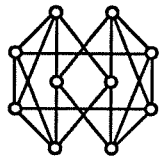
\sim



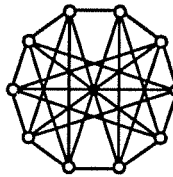
$g:f = 3:15$

$g:f = 3:4$
 $D_4 \times Z_2 \times Z_2$ (ord 32)

44



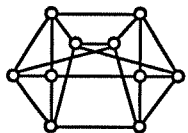
\sim



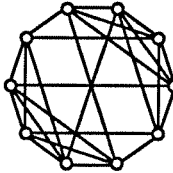
$g:f = 3:16$

$g:f = 3:4$
 $Z_2 \times Z_2$

45



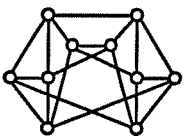
\sim



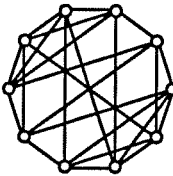
$g:f = 3:16$

$g:f = 3:4$
 Z_2

46



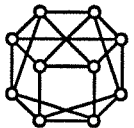
\sim



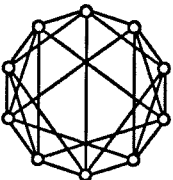
$g:f = 3:16$

$g:f = 3:4$
 $Z_2 \times Z_2$

47



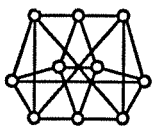
\sim



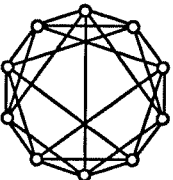
$g:f = 3:16$

$g:f = 3:4$
 $Z_2 \times Z_2$

48



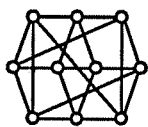
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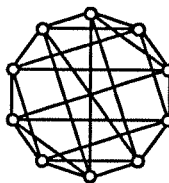
$g:f = 3:16$

$g:f = 3:4$
 Z_2

49



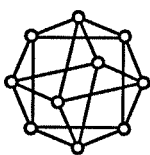
\sim



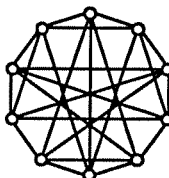
$g:f = 3:16$

$g:f = 3:4$
 $D_4 \times Z_2$ (ord 16)

50



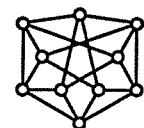
\sim



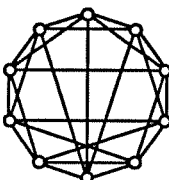
$g:f = 3:16$

$g:f = 3:4$
 Z_2

51



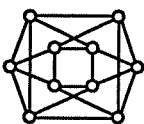
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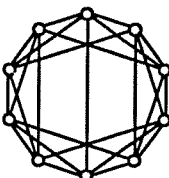
$g:f = 3:16$

$g:f = 3:4$
 $D_4 \times Z_2$ (ord 16)

52



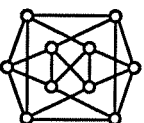
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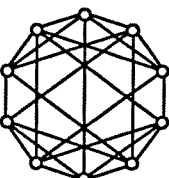
$g:f = 3:16$

$g:f = 3:4$
 D_8 (ord 16)

53



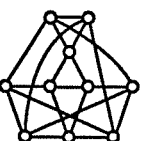
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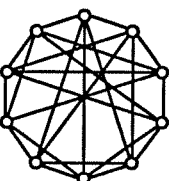
$g:f = 3:16$

$g:f = 3:3$
 $Z_2 \times Z_2$

54



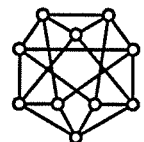
\sim



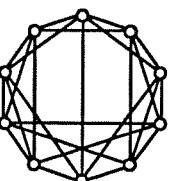
$g:f = 3:17$

$g:f = 3:3$
 Z_2

55



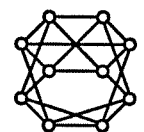
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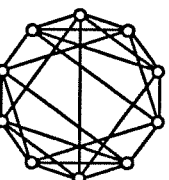
$g:f = 3:17$

$g:f = 3:2$
 D_4 (ord 8)

56



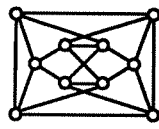
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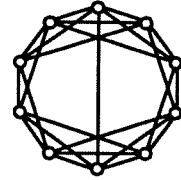
$g:f = 3:18$

$g:f = 3:2$
 $Z_2 \times Z_2$

57



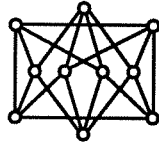
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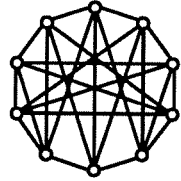
$g:f = 3:18$

$g:f = 3:2$
 $Z_2 \times Z_2 \times Z_2$ (ord 8)

58



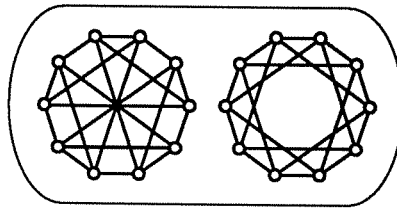
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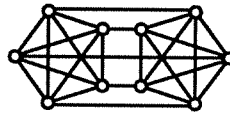
$g:f = 3:18$

$g:f = 4:30$, B S
(ord 240)

59



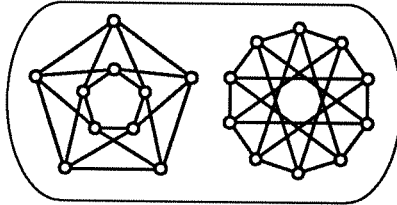
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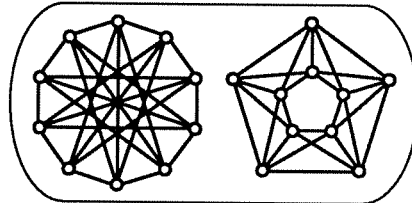
$g:f = 3:20$
T

$g:f = 4:25$, S
(ord 320)

60



~



$g:f = 3:20$
T