

$\diamond 2$  $\equiv 1$  $\vee 0$ 

• • • • •

`\pcauset{5, 4, 3, 2, 1}`

 $\cdot | \cdot 1$  $1$

$\diamond 2$  $\equiv 2$  $\vee 1$  $\backslash \text{pcasest}\{5, 4, 3, 1, 2\}$  $\cdot | \cdot 1$  $2$

$\diamond 2$

$\equiv 2$

$\vee 2$



`\pcauset{5, 4, 2, 1, 3}`

$\cdot | \cdot 1$

**3**

$\diamond 2$  $\equiv 2$  $\vee 2$  $\backslash \text{pcasest}\{5, 4, 1, 3, 2\}$  $\cdot | \cdot 1$ 

4

$\diamond 2$  $\equiv 2$  $\vee 2$  $\backslash\text{pcasest}\{5, 3, 4, 1, 2\}$  $\cdot | \cdot 2$  $5$

$\diamond 2$

$\equiv 2$

$\vee 3$



`\pcauset{5, 3, 2, 1, 4}`

$\cdot | \cdot 1$

**6**

$\diamond 2$  $\equiv 2$  $\vee 3$  $\backslash \text{pcaset}\{5, 1, 4, 3, 2\}$  $\cdot | \cdot 1$  $7$

$\diamond 2$  $\equiv 2$  $\vee 3$  $\backslash \text{pcasest} \{5, 3, 1, 4, 2\}$ 

1

8



$\diamond 2$

$\equiv 2$

$\vee 3$



`\pcauset{4, 5, 2, 1, 3}`

$\cdot | \cdot 1$

9

$\diamond 2$  $\equiv 2$  $\vee 3$  $\backslash \text{pcasest}\{4, 5, 1, 3, 2\}$  $\cdot | \cdot 1$ 

10

$\diamond 2$  $\equiv 2$  $\vee 4$  $\backslash \text{pcasest} \{5, 2, 1, 4, 3\}$  $\cdot | \cdot 1$  $11$

$\diamond 2$  $\equiv 2$  $\vee 4$  $\backslash \text{pcasuet}\{4, 3, 2, 1, 5\}$  $\cdot | \cdot 1$ 

12

$\diamond 2$  $\equiv 2$  $\vee 4$  $\backslash \text{pcaset}\{1, 5, 4, 3, 2\}$  $\cdot | \cdot 1$ 

13

$\diamond 2$  $\equiv 2$  $\vee 4$  $\backslash \text{pcasest}\{4, 3, 1, 5, 2\}$  $\cdot | \cdot 1$ 

14

$\diamond 2$  $\equiv 2$  $\vee 4$  $\backslash \text{pcasest}\{2, 5, 4, 1, 3\}$  $\cdot | \cdot 1$ 

15

$\diamond 2$  $\equiv 2$  $\vee 4$  $\backslash \text{pcasest}\{4, 2, 5, 1, 3\}$  $\cdot | \cdot 2$ 

16



$\diamond 2$  $\equiv 2$  $\vee 4$  $\backslash \text{pcasest}\{3, 5, 1, 4, 2\}$  $\cdot | \cdot 2$ 

17

$\diamond 2$  $\equiv 2$  $\vee 5$  $\backslash \text{pcasest}\{4, 2, 1, 5, 3\}$  $\cdot | \cdot 1$ 

18

$\diamond 2$

$\equiv 2$

$\vee 5$



`\pcauset{2, 5, 1, 4, 3}`

$\cdot | \cdot 1$

19

$\diamond 2$  $\equiv 2$  $\vee 6$  $\backslash \text{pcasest}\{3, 2, 1, 5, 4\}$  $\cdot | \cdot 1$  $20$

$\diamond 2$  $\equiv 2$  $\vee 6$  $\backslash \text{pcasest}\{2, 1, 5, 4, 3\}$  $\cdot | \cdot 1$  $21$

◇ 2

≡ 3

∨ 2



`\pcauset{5, 4, 1, 2, 3}`

· | · 1

22

$\diamond 2$  $\equiv 3$  $\vee 3$  $\backslash \text{pcas} \{5, 3, 1, 2, 4\}$  $2$  $23$

$\diamond 2$

$\equiv 3$

$\vee 3$



`\pcauset{5, 1, 4, 2, 3}`

3

24



$\diamond 2$

$\equiv 3$

$\vee 3$



`\pcauset{5, 2, 1, 3, 4}`

$\cdot | \cdot 1$

25

$\diamond 2$

$\equiv 3$

$\vee 3$



`\pcauset{5, 1, 2, 4, 3}`

$\cdot | \cdot 1$

26

$\diamond 2$

$\equiv 3$

$\vee 3$



`\pcauset{4, 5, 1, 2, 3}`

4

27

$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{5, 1, 3, 2, 4}`

$\cdot | \cdot 1$

28

$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{4, 3, 1, 2, 5}`

$\cdot | \cdot 1$

29

$\diamond 2$  $\equiv 3$  $\vee 4$  $\backslash \text{pcauset}\{1, 5, 4, 2, 3\}$  $\cdot | \cdot 1$  $30$

$\diamond 2$  $\equiv 3$  $\vee 4$  $\backslash \text{pcasuet}\{4, 2, 1, 3, 5\}$  $\cdot | \cdot 1$  $31$

$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{1, 5, 2, 4, 3}`

$\cdot | \cdot 1$

32



$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{4, 1, 5, 2, 3}`

5

33

◇ 2

≡ 3

∨ 4



`\pcauset{3, 5, 1, 2, 4}`

6

34

◇ 2

≡ 3

∨ 4



`\pcauset{4, 1, 3, 5, 2}`

7

35

$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{4, 1, 2, 5, 3}`

8

36

◇ 2

≡ 3

∨ 4



`\pcauset{2, 5, 1, 3, 4}`

9

37

$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{3, 4, 1, 2, 5}`

$\cdot | \cdot 2$

38

$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{1, 4, 5, 2, 3}`

$\cdot | \cdot 2$

39

$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{3, 2, 1, 4, 5}`

$\cdot | \cdot 1$

40



$\diamond 2$

$\equiv 3$

$\vee 4$



`\pcauset{1, 2, 5, 4, 3}`

$\cdot | \cdot 1$

41

$\diamond 2$  $\equiv 3$  $\vee 4$  $\backslash \text{pcasuet}\{2, 1, 3, 5, 4\}$  $\cdot | \cdot 1$  $42$

$\diamond 2$

$\equiv 3$

$\vee 5$



`\pcauset{4, 1, 3, 2, 5}`

$\cdot | \cdot 1$

43

$\diamond 2$

$\equiv 3$

$\vee 5$



`\pcauset{1, 5, 3, 2, 4}`

$\cdot | \cdot 1$

44

◇ 2

≡ 3

∨ 5



`\pcauset{3, 1, 5, 2, 4}`

10

45

◇ 2

≡ 3

∨ 5



`\pcauset{3, 1, 4, 2, 5}`

11

46

◇ 2

≡ 3

∨ 5



`\pcauset{1, 3, 5, 2, 4}`

12

47

◇ 2

≡ 3

∨ 5



`\pcauset{3, 1, 2, 5, 4}`

· | · 1

48



◇ 2

≡ 3

∨ 5



`\pcauset{2, 1, 5, 3, 4}`

· | · 1

49

$\diamond 2$

$\equiv 3$

$\vee 6$



`\pcauset{2, 1, 4, 3, 5}`

$\cdot | \cdot 1$

50

$\diamond 2$

$\equiv 3$

$\vee 6$



`\pcauset{1, 3, 2, 5, 4}`

$\cdot | \cdot 1$

51

$\diamond 2$

$\equiv 3$

$\vee 6$



`\pcauset{1, 4, 3, 2, 5}`

$\cdot | \cdot 1$

52

$\diamond 2$

$\equiv 4$

$\vee 3$



$\backslash \text{pcas} \{5, 1, 2, 3, 4\}$

1

13

53

$\diamond 2$

$\equiv 4$

$\vee 4$



`\pcauset{4, 1, 2, 3, 5}`

2

14

54

$\diamond 2$

$\equiv 4$

$\vee 4$



`\pcauset{1, 5, 2, 3, 4}`

3

15

55

$\diamond 2$  $\equiv 4$  $\vee 4$  $\backslash \text{pcauset}\{3, 1, 2, 4, 5\}$ 

16

56



$\diamond 2$

$\equiv 4$

$\vee 4$



`\pcauset{1, 2, 5, 3, 4}`

17

57

$\diamond 2$  $\equiv 4$  $\vee 4$  $\backslash \text{pcauset}\{2, 1, 3, 4, 5\}$  $\cdot | \cdot 1$ 

58

$\diamond 2$

$\equiv 4$

$\vee 4$



`\pcauset{1, 2, 3, 5, 4}`

$\cdot | \cdot 1$

59

$\diamond 2$

$\equiv 4$

$\vee 5$



`\pcauset{1, 4, 2, 3, 5}`

18

60

◇ 2

≡ 4

∨ 5



`\pcauset{1, 3, 2, 4, 5}`

· | · 1

61

$\diamond 2$

$\equiv 4$

$\vee 5$



`\pcauset{1, 2, 4, 3, 5}`

$\cdot | \cdot 1$

62

$\diamond 1$

$\equiv 5$

$\vee 4$



`\pcauset{1, 2, 3, 4, 5}`

4

19

63