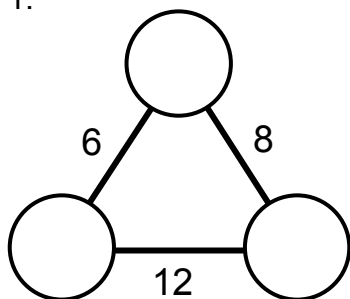# 14. Number Ninja 3
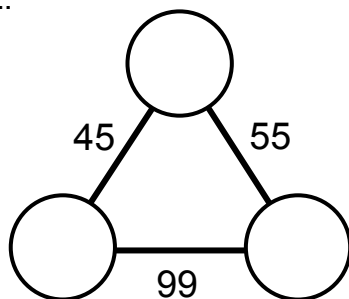
Fill in each empty circle with a number so that the product of the numbers in any two circles equals the number between them.
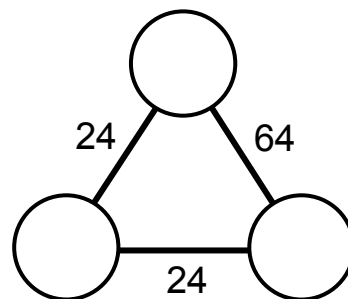
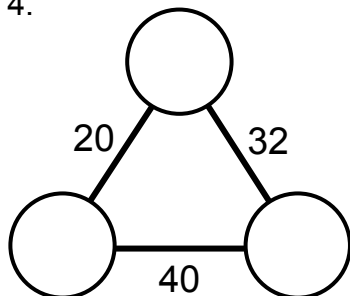1.

6   8

12

2.

45   55

99

3.

24   64
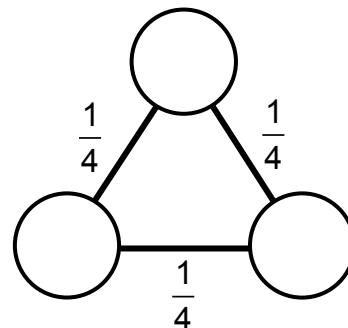
24

4.

20   32

40

5.

98   21

42

6.

$\frac{1}{4}$ $\frac{1}{4}$

$\frac{1}{4}$

7.

36   28

63

8.

0.06   0.04

0.06

9.

48   72

96

10.

$\frac{1}{6}$ $\frac{1}{6}$

$\frac{1}{9}$

11.

135   105

63

12.

4.2   6.3

54
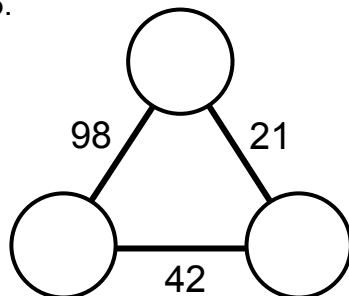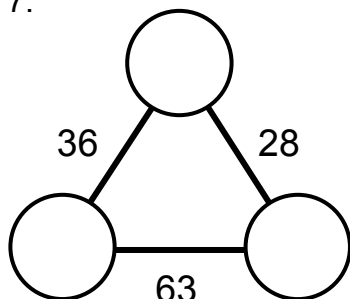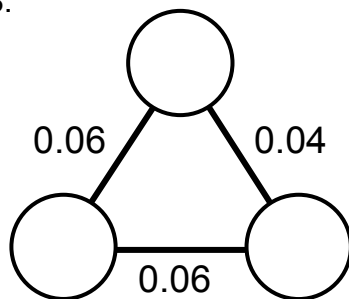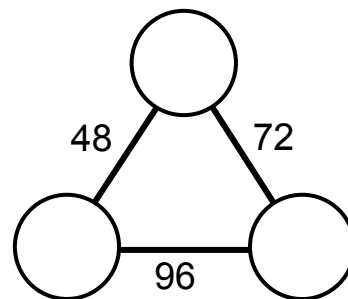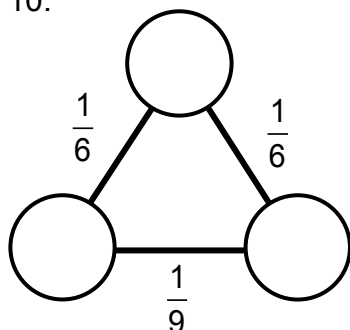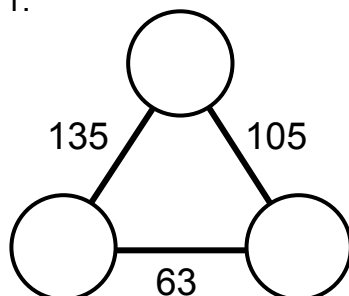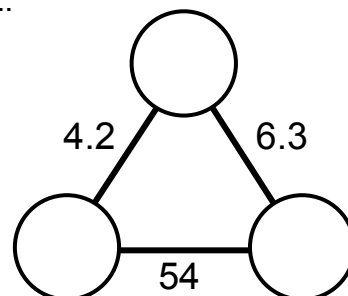
Answers

14. Number Ninja 3 (p. 17)

1.
Triangle: top **2**, left **3**, right **4**; edges: 6, 8, 12

2.
Triangle: top **5**, left **9**, right **11**; edges: 45, 55, 99

3.
Triangle: top **8**, left **3**, right **8**; edges: 24, 64, 24

4.
Triangle: top **4**, left **5**, right **8**; edges: 20, 32, 40

5.
Triangle: top **7**, left **14**, right **3**; edges: 98, 21, 42

6.
Triangle: top **1/2**, left **1/2**, right **1/2**; edges: 1/4, 1/4, 1/4

7.
Triangle: top **4**, left **9**, right **7**; edges: 36, 28, 63

8.
Triangle: top **0.2**, left **0.3**, right **0.2**; edges: 0.06, 0.04, 0.06

9.
Triangle: top **6**, left **8**, right **12**; edges: 48, 72, 96

10.
Triangle: top **1/2**, left **1/3**, right **1/3**; edges: 1/6, 1/6, 1/9

11.
Triangle: top **15**, left **9**, right **7**; edges: 135, 105, 63

12.
Triangle: top **0.7**, left **6**, right **9**; edges: 4.2, 6.3, 54