

Making 24

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The 24 Game is an arithmetical card game in which the object is to find a way to manipulate four integers so that the end result is 24. Addition, subtraction, multiplication, or division, and sometimes other operations, may be used to make four digits from one to nine equal 24.

Problem 1

1. 1 3 4 6
2. 1 4 5 6
3. 1 5 5 5
4. 1 6 6 8

Problem 2

1. 1 7 13 13

2. 1 8 12 12

3. 2 2 11 11

4. 2 2 13 13

Problem 3

1. 2 3 5 12
2. 2 4 10 10
3. 2 5 5 10
4. 2 7 7 10

Problem 4

1. 2 6 9 9

2. 3 3 7 7

3. 3 3 8 8

4. 4 4 7 7

Problem 5

1. 4 4 10 10

2. 5 5 7 11

3. 5 6 7 8

4. 5 7 7 11

Problem 6

(Homework)

1. 7 8 13 13 29
2. 6 17 23 26 30
3. 7 19 14 17 21
4. 8 10 10 10 10