因数分解法

例题：

1. 15×28

因数分解法

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1. $15 \times 28 = 15 \times 4 \times 7 = 60 \times 7 = 420$
2. 25×36

因数分解法

例题：

1. $15 \times 28 = 15 \times 4 \times 7 = 60 \times 7 = 420$
2. $25 \times 36 = 25 \times 4 \times 9 = 100 \times 9 = 900$
3. 33×12

因数分解法

例题：

1. $15 \times 28 = 15 \times 4 \times 7 = 60 \times 7 = 420$
2. $25 \times 36 = 25 \times 4 \times 9 = 100 \times 9 = 900$
3. $33 \times 12 = 3 \times 11 \times 12 = 3 \times 121 = 363$
4. 74×27

因数分解法

例题：

1. $15 \times 28 = 15 \times 4 \times 7 = 60 \times 7 = 420$
2. $25 \times 36 = 25 \times 4 \times 9 = 100 \times 9 = 900$
3. $33 \times 12 = 3 \times 11 \times 12 = 3 \times 121 = 363$
4. $74 \times 27 = 2 \times 37 \times 27 = 2 \times 999 = 1998$
5. 91×22

因数分解法

例题：

1. $15 \times 28 = 15 \times 4 \times 7 = 60 \times 7 = 420$
2. $25 \times 36 = 25 \times 4 \times 9 = 100 \times 9 = 900$
3. $33 \times 12 = 3 \times 11 \times 12 = 3 \times 121 = 363$
4. $74 \times 27 = 2 \times 37 \times 27 = 2 \times 999 = 1998$
5. $91 \times 22 = 91 \times 11 \times 2 = 1001 \times 2 = 2002$

总结利用因数分解法的数字特点，每人出 2 道类似的题目

习题

1. $125 \times 72 =$

习题

1. $125 \times 72 = 125 \times 8 \times 9 = 1000 \times 9 = 9000$
2. $14 \times 28 =$

习题

1. $125 \times 72 = 125 \times 8 \times 9 = 1000 \times 9 = 9000$
2. $14 \times 28 = 7 \times 2 \times 7 \times 4 = 49 \times 8 = 400 - 8 = 392$

思考：逢五凑十法是不是因数分解法的特例?