

## 20以内口算·多品强化训练



## 破十法和凑十法

$$12 - 3 = \square$$

10  
-  
+  
□

$$9 + 7 = \square$$

10  
+  
□

$$7 + 8 = \square$$

10  
+  
□

$$12 - 3 = \square$$

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-  
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□

$$16 - 7 = \square$$

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+  
□

$$14 - 5 = \square$$

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-  
+  
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$$17 - 8 = \square$$

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$$11 - 2 = \square$$

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-  
+  
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$$8 + 9 = \square$$

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$$16 - 7 = \square$$

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$$5 + 6 = \square$$

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$$12 - 3 = \square$$

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$$6 + 5 = \square$$

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$$4 + 9 = \square$$

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$$17 - 8 = \square$$

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$$5 + 9 = \square$$

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$$12 - 3 = \square$$

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$$4 + 7 = \square$$

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$$11 - 2 = \square$$

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$$3 + 9 = \square$$

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+  
□

完成时间：\_\_\_\_\_

## 20以内口算·多品强化训练



## 破十法和凑十法

$$6 + 8 = \square$$

Break Apart Tree for  $6 + 8$ . The tree shows  $6$  as  $10 - 4$ , and  $8$  as  $10 + 2$ .

$$16 - 7 = \square$$

Break Apart Tree for  $16 - 7$ . The tree shows  $16$  as  $10 + 6$ , and  $7$  as  $10 - 3$ .

$$2 + 9 = \square$$

Break Apart Tree for  $2 + 9$ . The tree shows  $2$  as  $10 - 8$ , and  $9$  as  $10 + 1$ .

$$11 - 2 = \square$$

Break Apart Tree for  $11 - 2$ . The tree shows  $11$  as  $10 + 1$ , and  $2$  as  $10 - 8$ .

$$4 + 8 = \square$$

Break Apart Tree for  $4 + 8$ . The tree shows  $4$  as  $10 - 6$ , and  $8$  as  $10 + 2$ .

$$17 - 8 = \square$$

Break Apart Tree for  $17 - 8$ . The tree shows  $17$  as  $10 + 7$ , and  $8$  as  $10 - 2$ .

$$9 + 6 = \square$$

Break Apart Tree for  $9 + 6$ . The tree shows  $9$  as  $10 - 1$ , and  $6$  as  $10 + 1$ .

$$8 + 6 = \square$$

Break Apart Tree for  $8 + 6$ . The tree shows  $8$  as  $10 - 2$ , and  $6$  as  $10 + 1$ .

$$8 + 4 = \square$$

Break Apart Tree for  $8 + 4$ . The tree shows  $8$  as  $10 - 2$ , and  $4$  as  $10 + 1$ .

$$12 - 3 = \square$$

Break Apart Tree for  $12 - 3$ . The tree shows  $12$  as  $10 + 2$ , and  $3$  as  $10 - 7$ .

$$15 - 6 = \square$$

Break Apart Tree for  $15 - 6$ . The tree shows  $15$  as  $10 + 5$ , and  $6$  as  $10 - 4$ .

$$3 + 9 = \square$$

Break Apart Tree for  $3 + 9$ . The tree shows  $3$  as  $10 - 7$ , and  $9$  as  $10 + 1$ .

$$6 + 6 = \square$$

Break Apart Tree for  $6 + 6$ . The tree shows  $6$  as  $10 - 4$ , and  $6$  as  $10 + 1$ .

$$13 - 4 = \square$$

Break Apart Tree for  $13 - 4$ . The tree shows  $13$  as  $10 + 3$ , and  $4$  as  $10 - 6$ .

$$15 - 6 = \square$$

Break Apart Tree for  $15 - 6$ . The tree shows  $15$  as  $10 + 5$ , and  $6$  as  $10 - 4$ .

$$3 + 8 = \square$$

Break Apart Tree for  $3 + 8$ . The tree shows  $3$  as  $10 - 7$ , and  $8$  as  $10 + 1$ .

$$5 + 6 = \square$$

Break Apart Tree for  $5 + 6$ . The tree shows  $5$  as  $10 - 5$ , and  $6$  as  $10 + 1$ .

$$5 + 8 = \square$$

Break Apart Tree for  $5 + 8$ . The tree shows  $5$  as  $10 - 5$ , and  $8$  as  $10 + 1$ .

$$14 - 5 = \square$$

Break Apart Tree for  $14 - 5$ . The tree shows  $14$  as  $10 + 4$ , and  $5$  as  $10 - 5$ .

$$8 + 5 = \square$$

Break Apart Tree for  $8 + 5$ . The tree shows  $8$  as  $10 - 2$ , and  $5$  as  $10 + 1$ .

完成时间：\_\_\_\_\_



## 破十法和凑十法

$$15 - 6 = \square$$

10  
-  
+  
□

$$8 + 4 = \square$$

10  
+  
□

$$17 - 8 = \square$$

10  
-  
+  
□

$$9 + 7 = \square$$

10  
+  
□

$$13 - 4 = \square$$

10  
-  
+  
□

$$3 + 9 = \square$$

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+  
□

$$14 - 5 = \square$$

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-  
+  
□

$$18 - 9 = \square$$

10  
-  
+  
□

$$13 - 4 = \square$$

10  
-  
+  
□

$$9 + 9 = \square$$

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+  
□

$$4 + 7 = \square$$

10  
+  
□

$$15 - 6 = \square$$

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-  
+  
□

$$2 + 9 = \square$$

10  
+  
□

$$4 + 7 = \square$$

10  
+  
□

$$11 - 2 = \square$$

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+  
□

$$17 - 8 = \square$$

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-  
+  
□

$$16 - 7 = \square$$

10  
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+  
□

$$15 - 6 = \square$$

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-  
+  
□

$$3 + 9 = \square$$

10  
+  
□

$$4 + 8 = \square$$

10  
+  
□

完成时间：

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## 破十法和凑十法

$$8 + 3 = \square$$

10  
 +  
 8    3

$$4 + 7 = \square$$

10  
 +  
 4    7

$$16 - 7 = \square$$

10  
 -  
 16    7

$$6 + 9 = \square$$

10  
 +  
 6    9

$$4 + 9 = \square$$

10  
 +  
 4    9

$$14 - 5 = \square$$

10  
 -  
 14    5

$$3 + 8 = \square$$

10  
 +  
 3    8

$$11 - 2 = \square$$

10  
 -  
 11    2

$$13 - 4 = \square$$

10  
 -  
 13    4

$$8 + 5 = \square$$

10  
 +  
 8    5

$$17 - 8 = \square$$

10  
 -  
 17    8

$$14 - 5 = \square$$

10  
 -  
 14    5

$$6 + 7 = \square$$

10  
 +  
 6    7

$$13 - 4 = \square$$

10  
 -  
 13    4

$$2 + 9 = \square$$

10  
 +  
 2    9

$$8 + 6 = \square$$

10  
 +  
 8    6

$$14 - 5 = \square$$

10  
 -  
 14    5

$$5 + 9 = \square$$

10  
 +  
 5    9

$$2 + 9 = \square$$

10  
 +  
 2    9

$$2 + 9 = \square$$

10  
 +  
 2    9

完成时间：\_\_\_\_\_



## 破十法和凑十法

$$15 - 6 = \square$$

破十法  
15可以拆成10+5  
6可以拆成1+5  
10-6=4  
4+5=9

$$8 + 7 = \square$$

凑十法  
8可以拆成10-2  
7可以拆成10+2  
10-2+10+2=17

$$17 - 8 = \square$$

破十法  
17可以拆成10+7  
8可以拆成10-2  
10-2=8  
8+7=15

$$8 + 4 = \square$$

凑十法  
8可以拆成10-2  
4可以拆成10+2  
10-2+10+2=14

$$5 + 7 = \square$$

凑十法  
5可以拆成10-5  
7可以拆成10+2  
10-5+10+2=12

$$2 + 9 = \square$$

凑十法  
2可以拆成10-8  
9可以拆成10+1  
10-8+10+1=11

$$12 - 3 = \square$$

破十法  
12可以拆成10+2  
3可以拆成10-7  
10-7=3  
3+2=5

$$7 + 4 = \square$$

凑十法  
7可以拆成10-3  
4可以拆成10+2  
10-3+10+2=15

$$15 - 6 = \square$$

破十法  
15可以拆成10+5  
6可以拆成1+5  
10-6=4  
4+5=9

$$13 - 4 = \square$$

破十法  
13可以拆成10+3  
4可以拆成10-6  
10-6=4  
4+3=7

$$6 + 7 = \square$$

凑十法  
6可以拆成10-4  
7可以拆成10+2  
10-4+10+2=14

$$3 + 9 = \square$$

凑十法  
3可以拆成10-7  
9可以拆成10+1  
10-7+10+1=14

$$2 + 9 = \square$$

凑十法  
2可以拆成10-8  
9可以拆成10+1  
10-8+10+1=11

$$9 + 3 = \square$$

凑十法  
9可以拆成10-1  
3可以拆成10+2  
10-1+10+2=19

$$15 - 6 = \square$$

破十法  
15可以拆成10+5  
6可以拆成1+5  
10-6=4  
4+5=9

$$8 + 8 = \square$$

凑十法  
8可以拆成10-2  
8可以拆成10+2  
10-2+10+2=18

$$5 + 6 = \square$$

凑十法  
5可以拆成10-5  
6可以拆成10+2  
10-5+10+2=17

$$2 + 9 = \square$$

凑十法  
2可以拆成10-8  
9可以拆成10+1  
10-8+10+1=11

$$17 - 8 = \square$$

破十法  
17可以拆成10+7  
8可以拆成10-2  
10-2=8  
8+7=15

$$3 + 8 = \square$$

凑十法  
3可以拆成10-7  
8可以拆成10+2  
10-7+10+2=15

完成时间：\_\_\_\_\_

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## 破十法和凑十法

$$7 + 7 = \square$$

+  
 10  
 +  
 □

$$2 + 9 = \square$$

+  
 10  
 +  
 □

$$4 + 9 = \square$$

+  
 10  
 +  
 □

$$14 - 5 = \square$$

10  
 -  
 +  
 □

$$17 - 8 = \square$$

10  
 -  
 +  
 □

$$14 - 5 = \square$$

10  
 -  
 +  
 □

$$11 - 2 = \square$$

10  
 -  
 +  
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$$9 + 7 = \square$$

10  
 +  
 +  
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$$11 - 2 = \square$$

10  
 -  
 +  
 □

$$16 - 7 = \square$$

10  
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 +  
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$$3 + 8 = \square$$

+  
 10  
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$$4 + 8 = \square$$

10  
 +  
 +  
 □

$$7 + 8 = \square$$

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 10  
 +  
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$$17 - 8 = \square$$

10  
 -  
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$$14 - 5 = \square$$

10  
 -  
 +  
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$$5 + 6 = \square$$

10  
 +  
 +  
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$$16 - 7 = \square$$

10  
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 +  
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$$3 + 8 = \square$$

+  
 10  
 +  
 □

$$17 - 8 = \square$$

10  
 -  
 +  
 □

$$17 - 8 = \square$$

10  
 -  
 +  
 □

完成时间：\_\_\_\_\_



## 破十法和凑十法

$$4 + 7 = \square$$

$$16 - 7 = \square$$

$$11 - 2 = \square$$

$$6 + 6 = \square$$

$$12 - 3 = \square$$

$$5 + 9 = \square$$

$$5 + 6 = \square$$

$$18 - 9 = \square$$

$$11 - 2 = \square$$

$$17 - 8 = \square$$

$$8 + 6 = \square$$

$$5 + 9 = \square$$

$$13 - 4 = \square$$

$$3 + 9 = \square$$

$$7 + 9 = \square$$

$$4 + 8 = \square$$

$$5 + 8 = \square$$

$$12 - 3 = \square$$

$$18 - 9 = \square$$

$$8 + 9 = \square$$

完成时间：\_\_\_\_\_



## 破十法和凑十法

$$3 + 8 = \square$$

Break ten diagram for  $3 + 8$ . A tree diagram where 3 is split into 1 and 2, and 8 is split into 0 and 8. They are joined at a central node labeled "10".

$$4 + 9 = \square$$

Break ten diagram for  $4 + 9$ . A tree diagram where 4 is split into 1 and 3, and 9 is split into 1 and 8. They are joined at a central node labeled "10".

$$7 + 8 = \square$$

Break ten diagram for  $7 + 8$ . A tree diagram where 7 is split into 0 and 7, and 8 is split into 2 and 6. They are joined at a central node labeled "10".

$$8 + 4 = \square$$

Break ten diagram for  $8 + 4$ . A tree diagram where 8 is split into 0 and 8, and 4 is split into 0 and 4. They are joined at a central node labeled "10".

$$17 - 8 = \square$$

Break ten diagram for  $17 - 8$ . A tree diagram where 17 is split into 10 and 7, and 8 is split into 0 and 8. They are joined at a central node labeled "-".

$$17 - 8 = \square$$

Break ten diagram for  $17 - 8$ . A tree diagram where 17 is split into 10 and 7, and 8 is split into 0 and 8. They are joined at a central node labeled "-".

$$11 - 2 = \square$$

Break ten diagram for  $11 - 2$ . A tree diagram where 11 is split into 10 and 1, and 2 is split into 0 and 2. They are joined at a central node labeled "-".

$$11 - 2 = \square$$

Break ten diagram for  $11 - 2$ . A tree diagram where 11 is split into 10 and 1, and 2 is split into 0 and 2. They are joined at a central node labeled "-".

$$2 + 9 = \square$$

Complement ten diagram for  $2 + 9$ . A tree diagram where 2 is split into 0 and 2, and 9 is split into 1 and 8. They are joined at a central node labeled "+".

$$5 + 6 = \square$$

Complement ten diagram for  $5 + 6$ . A tree diagram where 5 is split into 0 and 5, and 6 is split into 1 and 5. They are joined at a central node labeled "+".

$$14 - 5 = \square$$

Break ten diagram for  $14 - 5$ . A tree diagram where 14 is split into 10 and 4, and 5 is split into 0 and 5. They are joined at a central node labeled "-".

$$7 + 4 = \square$$

Complement ten diagram for  $7 + 4$ . A tree diagram where 7 is split into 0 and 7, and 4 is split into 0 and 4. They are joined at a central node labeled "+".

$$13 - 4 = \square$$

Break ten diagram for  $13 - 4$ . A tree diagram where 13 is split into 10 and 3, and 4 is split into 0 and 4. They are joined at a central node labeled "-".

$$2 + 9 = \square$$

Complement ten diagram for  $2 + 9$ . A tree diagram where 2 is split into 0 and 2, and 9 is split into 1 and 8. They are joined at a central node labeled "+".

$$6 + 7 = \square$$

Complement ten diagram for  $6 + 7$ . A tree diagram where 6 is split into 0 and 6, and 7 is split into 1 and 6. They are joined at a central node labeled "+".

$$9 + 5 = \square$$

Complement ten diagram for  $9 + 5$ . A tree diagram where 9 is split into 0 and 9, and 5 is split into 0 and 5. They are joined at a central node labeled "+".

$$13 - 4 = \square$$

Break ten diagram for  $13 - 4$ . A tree diagram where 13 is split into 10 and 3, and 4 is split into 0 and 4. They are joined at a central node labeled "-".

$$17 - 8 = \square$$

Break ten diagram for  $17 - 8$ . A tree diagram where 17 is split into 10 and 7, and 8 is split into 0 and 8. They are joined at a central node labeled "-".

$$18 - 9 = \square$$

Break ten diagram for  $18 - 9$ . A tree diagram where 18 is split into 10 and 8, and 9 is split into 0 and 9. They are joined at a central node labeled "-".

$$16 - 7 = \square$$

Break ten diagram for  $16 - 7$ . A tree diagram where 16 is split into 10 and 6, and 7 is split into 0 and 7. They are joined at a central node labeled "-".

完成时间：

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## 破十法和凑十法

$$15 - 6 = \square$$

15  
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 10  
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$$13 - 4 = \square$$

13  
 |  
 10  
 -  
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$$5 + 6 = \square$$

5  
 +  
 6  
 10  
 +  
 □

$$13 - 4 = \square$$

13  
 |  
 10  
 -  
 □

$$15 - 6 = \square$$

15  
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 10  
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$$12 - 3 = \square$$

12  
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 10  
 -  
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$$9 + 2 = \square$$

9  
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 2  
 10  
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$$3 + 9 = \square$$

3  
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 9  
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$$4 + 7 = \square$$

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$$7 + 5 = \square$$

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$$6 + 8 = \square$$

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$$2 + 9 = \square$$

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$$4 + 8 = \square$$

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$$6 + 9 = \square$$

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$$14 - 5 = \square$$

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$$15 - 6 = \square$$

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$$11 - 2 = \square$$

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$$4 + 7 = \square$$

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$$6 + 6 = \square$$

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 6  
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$$4 + 9 = \square$$

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 9  
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完成时间：\_\_\_\_\_



## 破十法和凑十法

$$6 + 6 = \square$$

+  
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$$17 - 8 = \square$$

10  
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$$6 + 8 = \square$$

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$$3 + 9 = \square$$

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$$2 + 9 = \square$$

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$$14 - 5 = \square$$

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$$8 + 4 = \square$$

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$$5 + 9 = \square$$

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$$5 + 8 = \square$$

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$$13 - 4 = \square$$

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$$5 + 8 = \square$$

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$$5 + 8 = \square$$

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$$12 - 3 = \square$$

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$$16 - 7 = \square$$

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$$2 + 9 = \square$$

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$$17 - 8 = \square$$

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$$12 - 3 = \square$$

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$$4 + 7 = \square$$

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$$4 + 8 = \square$$

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$$14 - 5 = \square$$

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完成时间：\_\_\_\_\_