Write down the appropriate number in brackets.
(1) $7+(\quad)=9$
(2) $8+(\quad)=10$
(3) $4+(\quad)=7$
(4) $(\quad)+3=8$
(5) $3+(\quad)=9$
(6) $(\quad)+6=10$
(7) $(\quad)+I=3$
(8) $(\quad)+2=5$
(9) $5+(\quad)=9$
(10) $(\quad)+3=6$
(11) $2+(\quad)=6$
(12) $(\quad)+4=5$
(13) $6+(\quad)=8$
(14) $7+(\quad)=10$
(15) $(\quad)+2=4$
(16) $(\quad)+9=10$
(17) $(\quad)+5=7$
(18) $2+(\quad)=9$
(19) $(\quad)+4=8$
(20) $(\quad)+5=10$

Write down the appropriate number in brackets.
(1) $(\quad)-3=1$
(2) $(\quad)-4=5$
(3) $6-(\quad)=4$
(4) $3-(\quad)=2$
(5) $(\quad)-2=2$
(6) $4-(\quad)=3$
(7) 9-( $\quad=3$
(8) $(\quad)-3=4$
(9) $(\quad)-4=4$
(10) $(\quad)-6=2$
(11) $8-(\quad)=5$
(12) $9-(\quad)=6$
(13) $(\quad)-I=6$
(14) $7-(\quad)=2$
(15) $5-(\quad)=2$
(16) $(\quad)-5=5$
(17) $10-(\quad)=3$
(18) $6-(\quad)=1$
(19) $(\quad)-7=2$
(20) $(\quad)-2=8$

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P1: Addition and subtraction within 18
Write down the appropriate number in brackets.
(1) $8+(\quad)=15$
(2) $(\quad)+4=11$
(3) $(\quad)+5=12$
(4) $6+(\quad)=12$
(5) $7+(\quad)=16$
(6) $(\quad)+3=11$
(7) $(\quad)+9=13$
(8) $5+(\quad)=14$
(9) $4+(\quad)=12$
(10) $(\quad)+7=13$
(11) $(\quad)+6=15$
(12) $9+(\quad)=12$
(13) $3+(\quad)=12$
(14) $(\quad)+8=14$
(15) $(\quad)+7=12$
(16) $5+(\quad)=11$
(17) $8+(\quad)=16$
(18) $(\quad)+5=13$
(19) $(\quad)+9=17$
(20) $7+(\quad)=14$

Write down the appropriate number in brackets.
(1) $12-(\quad)=5$
(2) ()$-9=8$
(3) ()$-6=8$
(4) $10-(\quad)=7$
(5) $13-(\quad)=9$
(6) $(\quad)-4=7$
(7) $(\quad)-7=8$
(8) $I I-(\quad)=4$
(9) $14-(\quad)=6$
(10) $(\quad)-8=9$
(11) $(\quad)-5=7$
(12) $16-(\quad)=7$
(13) $17-(\quad)=9$
(14) $(\quad)-7=5$
(15) $(\quad)-3=8$
(16) $15-(\quad)=6$
(17) $12-(\quad)=4$
(18) $(\quad)-6=8$
(19) $(\quad)-9=9$
(20) $13-(\quad)=8$
aťhgic
P1: Addition and subtraction of 3 numbers
Calculate the following algebraic expressions.
(1) $2+8+3=(\quad)$
(2) $9+1+9=(\quad)$
(3) $6+5+4=(\quad)$
(4) $7+6+3=(\quad)$
(5) $5+5+8=(\quad)$
(6) $3+3+7=(\quad)$
(7) $7+4+I=(\quad)$
(8) $4+7+6=(\quad)$
(9) $4+5+6=(\quad)$
(10) $9+3+6=(\quad)$
(11) $7+4+5=(\quad)$
(12) $1+3+3=(\quad)$
(13) $8+4+6=(\quad)$
(14) $2+4+8=(\quad)$
(15) $5+7+2=(\quad)$
(16) $5+3+8=(\quad)$
(17) $2+6+2=(\quad)$
(18) $7+9+4=(\quad)$
(19) $9+5+3=(\quad)$
(20) $1+5+7=(\quad)$
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Calculate the following algebraic expressions.
(1) $18-3-5=(\quad)$
(2) 15-4-7=( )
(3) 11-3-6=( )
(4) 19-5-7=( $)$
(5) 17-1-8 = ( )
(6) $16-7-6=(\quad)$
(7) 14-5-2 = ( )
(8) $\mid I-1-I=(\quad)$
(9) 10-2-4=( )
(10) $12-3-9=(\quad)$
(11) $9-4-I=(\quad)$
(12) $13-1-8=()$
(13) $19-8-6=()$
(14) $10-5-3=(\quad)$
(15) $12-5-6=(\quad)$
(16) $I I-9-I=(\quad)$
(17) 15-3-3 =( )
(18) $17-4-5=(\quad)$
(19) 16-2-8 = ( )
(20) $14-6-6=()$

Calculate the following algebraic expressions.
(1) $45-23$
(2) $82-40$

|  | tens | units |
| :---: | :---: | :---: |
|  | 4 | 5 |
| - | 2 | 3 |
|  |  |  |


|  | tens | units |
| :---: | :---: | :---: |
|  | 8 | 2 |
| - | 4 | 0 |
|  |  |  |

(3) $57-16$

|  | tens | units |
| :---: | :---: | :---: |
|  | 5 | 7 |
| - | 1 | 6 |
|  |  |  |

(5) 36-16

|  | tens | units |
| :---: | :---: | :---: |
|  | 3 | 6 |
| - | 1 | 6 |
|  |  |  |

(4) 75-71

|  | tens | units |
| :---: | :---: | :---: |
|  | 7 | 5 |
| - | 7 | 1 |
|  |  |  |

(6) 68-27

|  | tens | units |
| :---: | :---: | :---: |
|  | 6 | 8 |
| - | 2 | 7 |
|  |  |  |

P1 : Addition of 3 numbers
Calculate the following algebraic expressions.
(1) $12+13+14$
(2) $24+\mathbf{1 6}+\mathbf{8}$

|  | tens | units |
| :---: | :---: | :---: |
|  | 1 | 2 |
| + | 1 | 3 |
|  |  |  |
| + | 1 | 4 |
|  |  |  |

(3) $17+9+35$

|  | tens | units |
| :---: | :---: | :---: |
|  | 1 | 7 |
| + |  | 9 |
|  |  |  |
| + | 3 | 5 |
|  |  |  |


|  | tens | units |
| :---: | :---: | :---: |
|  | 2 | 4 |
| + | 1 | 6 |
|  |  |  |
| + |  | 8 |
|  |  |  |

(4) $36+28+12$

|  | tens | units |
| :---: | :---: | :---: |
|  | 3 | 6 |
| + | 2 | 8 |
|  |  |  |
| + | 1 | 2 |
|  |  |  |

(1) $65-12-1 \mid$

|  | tens | units |
| :---: | :---: | :---: |
|  | 6 | 5 |
| - | 1 | 2 |
|  |  |  |
| - | 1 | 1 |
|  |  |  |

(3) $82-21-11$

|  | tens | units |
| :---: | :---: | :---: |
|  | 8 | 2 |
| - | 2 | 1 |
| - | 1 | 1 |
|  |  |  |

(2) 38-16-2

|  | tens | units |
| :---: | :---: | :---: |
|  | 3 | 8 |
| - | 1 | 6 |
|  |  |  |
| - |  | 2 |
|  |  |  |

(4) 57-43-8

|  | tens | units |
| :---: | :---: | :---: |
|  | 5 | 7 |
| - | 4 | 3 |
|  |  |  |
| - |  | 8 |
|  |  |  |

Fill in the blank with appropriate numbers.
(1) 10, I5, ( ), 25, ( )
(2) ( ), 47, 45, 43, ( )
(3) $1,20,3,(\quad), 5,16,(\quad), 14,9$
(4) 20, ( ),40,50, ( )
(5) I, I, 2, 3, 3, 4, ( ), 5, ( )
(6) 3,7, ( ), 15, ( ), 23
(7) 43, 42,4I, ( ), ( )
(8) $2,3,5,8,(\quad)$, (
(9) $18,(\quad), 26,(\quad), 34$
(10) $15,16,18,19,2 \mid,(\quad),(\quad)$

