

Choosing Methods

Thinking of a Number Cards A

I am thinking of a number. I add three hundred and fifty-two to it which makes one thousand. What is my number?

$$1000 - 352 = 648$$

I am thinking of a number. I add six hundred and twenty to it which makes eight hundred and eighty. What is my number?

$$880 - 620 = 260$$

I am thinking of a number. I add one hundred and fifty to it which makes two thousand and seventy-three. What is my number?

$$2073 - 150 = 1923$$

I am thinking of a number. I add six hundred and forty-one to it which makes five thousand, eight hundred and twelve. What is my number?

$$5812 - 641 = 5171$$

I am thinking of a number. I subtract two hundred and forty-one from it which makes five thousand and fifty. What is my number?

$$5050 + 241 = 5291$$

I am thinking of a number. I subtract three hundred and ninety-one from it which makes three thousand, four hundred and twenty-one. What is my number?

$$6421 + 391 = 6812$$

I am thinking of a number. I subtract four hundred and seventy-two from it which makes three thousand, five hundred and eighteen. What is my number?

$$3518 + 472 = 3990$$

I am thinking of a number. I subtract five hundred and thirty-four from it which makes eight thousand, seven hundred and five. What is my number?

$$8705 + 534 = 9239$$

Choosing Methods

Thinking of a Number Cards B

I am thinking of a number. I add six thousand, seven hundred and thirty-five to it which makes eighteen thousand, seven hundred and forty-five. What is my number?

$$18,745 - 6,735 = 12,010$$

I am thinking of a number. I add one thousand, one hundred and eighteen to it which makes sixty-one thousand, two hundred and thirty-seven. What is my number?

$$61,237 - 1,118 = 60,119$$

I am thinking of a number. I add five thousand, five hundred and twenty-two to it which makes forty-seven thousand, six hundred and forty-two. What is my number?

$$47,642 - 5,522 = 42,120$$

I am thinking of a number. I add four thousand, six hundred to it which makes eighty-six thousand, nine hundred and fifty-one. What is my number?

$$86,951 - 4,600 = 82,351$$

I am thinking of a number. I subtract four thousand, four hundred and ninety-three from it which makes twenty-five thousand, four hundred and thirteen. What is my number?

$$25,413 + 4,493 = 29,906$$

I am thinking of a number. I subtract two thousand, seven hundred and sixty-three from it which makes thirty-five thousand, one hundred and eighty-five. What is my number?

$$35,185 + 2,763 = 37,948$$

I am thinking of a number. I subtract three thousand, one hundred and fifty-nine from it which makes fifty-five thousand, four hundred and forty-four. What is my number?

$$55,444 + 3,159 = 58,603$$

I am thinking of a number. I subtract seven thousand, five hundred and ninety-six from it which makes seventy thousand, three hundred and twenty-three. What is my number?

$$70,323 + 7,596 = 77,919$$

Choosing Methods

Thinking of a Number Cards C

I am thinking of a number. I add sixty-one thousand, six hundred and eight to it which makes eight hundred and fifty-two thousand, seven hundred and nineteen. What is my number?

$$852,719 - 61,608 = 791,111$$

I am thinking of a number. I add eighty-one thousand, six hundred and forty-three to it which makes five hundred and forty-one thousand, eight hundred and ninety. What is my number?

$$541,890 - 81,643 = 460,247$$

I am thinking of a number. I add eleven thousand, one hundred and eleven to it which makes nine hundred and ninety-nine thousand, nine hundred and ninety-nine. What is my number?

$$999,999 - 11,111 = 988,888$$

I am thinking of a number. I add sixty-two thousand, three hundred and two to it which makes three hundred and sixteen thousand, three hundred and sixteen. What is my number?

$$316,316 - 62,302 = 254,014$$

I am thinking of a number. I subtract thirty-four thousand, two hundred and fifty-three from it which makes two hundred and ninety-five thousand, six hundred and twenty-seven. What is my number?

$$295,627 + 34,253 = 329,880$$

I am thinking of a number. I subtract twenty thousand and one from it which makes eight hundred and eighty-eight thousand, nine hundred and ninety-nine. What is my number?

$$888,999 + 20,001 = 909,000$$

I am thinking of a number. I subtract forty thousand, six hundred and fifty-nine from it which makes six hundred and twenty-two thousand. What is my number?

$$622,000 + 40,659 = 662,659$$

I am thinking of a number. I subtract fifty-two thousand, three hundred and seventy-nine from it which makes four hundred and fifty-three thousand, seven hundred and eleven. What is my number?

$$453,711 + 52,379 = 506,090$$

Choosing Methods

Problem Cards A



Problem Cards A, Set One
Solve these addition and subtraction questions using the column method.

$$2,671 + 465 = 3,136$$

$$4,283 + 911 = 5,194$$

$$8,347 + 582 = 8,929$$

$$9,835 - 270 = 9,565$$

$$5,692 - 159 = 5,533$$

$$1,729 - 287 = 1,442$$



Problem Cards A, Set Two
Solve these addition and subtraction questions using the rounding and adjusting method or the equals addition method.

$$5,502 + 149 = 5,651$$

$$3,764 + 199 = 3,963$$

$$6,428 + 380 = 6,808$$

$$7,344 - 205 = 7,139$$

$$8,483 - 299 = 8,184$$

$$2,686 - 597 = 2,089$$



Problem Cards A, Set Three
Solve these addition and subtraction questions mentally.

$$1,780 + 210 = 1,990$$

$$9,528 + 500 = 10,028$$

$$6,374 + 304 = 6,678$$

$$3,954 - 602 = 3,352$$

$$7,639 - 230 = 7,409$$

$$4,853 - 250 = 4,603$$



Problem Cards A, Set Four
Decide the best method to solve these addition and subtraction questions.

$$1,327 + 498 = 1,825$$
 rounding/
adjusting

$$5,560 + 402 = 5,962$$
 mental

$$3,945 + 654 = 4,599$$
 column

$$4,631 - 594 = 4,037$$
 equals
addition

$$7,374 - 562 = 6,812$$
 column

$$2,763 - 720 = 2,043$$
 mental

Choosing Methods

Problem Cards B



Problem Cards B, Set One
Solve these addition and subtraction questions using the column method.

$$67,308 + 1,841 = 69,149$$

$$16,748 + 2,423 = 19,171$$

$$42,379 + 9,204 = 51,583$$

$$55,973 - 3,849 = 52,124$$

$$39,482 - 5,217 = 34,265$$

$$93,567 - 7,282 = 86,285$$



Problem Cards B, Set Two
Solve these addition and subtraction questions using the rounding and adjusting method or the equals addition method.

$$88,899 + 1,111 = 90,010$$

$$28,764 + 1,199 = 29,963$$

$$76,428 + 1,800 = 78,228$$

$$98,100 - 8,080 = 90,020$$

$$18,483 - 2,999 = 15,484$$

$$56,286 - 5,097 = 51,189$$



Problem Cards B, Set Three
Solve these addition and subtraction questions mentally.

$$35,259 + 5,201 = 40,460$$

$$54,928 + 6,000 = 60,928$$

$$76,374 + 1,704 = 78,078$$

$$48,563 - 2,563 = 46,000$$

$$87,639 - 1,400 = 86,239$$

$$24,853 - 2,050 = 22,803$$



Problem Cards B, Set Four
Decide the best method to solve these addition and subtraction questions.

$$34,568 + 2,995 = 37,563$$
 rounding/
adjusting

$$15,560 + 3,002 = 18,562$$
 mental

$$27,945 + 1,634 = 29,579$$
 column

$$84,284 - 5,137 = 79,147$$
 column

$$74,374 - 1,980 = 72,394$$
 equals
addition

$$62,763 - 1,700 = 61,063$$
 mental

Choosing Methods

Problem Cards C



Problem Cards C, Set One
Solve these addition and subtraction questions using the column method.

$$567,308 + 81,342 = 648,650$$

$$196,748 + 12,321 = 209,069$$

$$472,379 + 39,204 = 511,583$$

$$655,973 - 53,849 = 602,124$$

$$379,482 - 85,217 = 294,265$$

$$903,657 - 42,282 = 861,375$$



Problem Cards C, Set Two
Solve these addition and subtraction questions using the rounding and adjusting method or the equals addition method.

$$799,999 + 11,111 = 811,110$$

$$268,764 + 12,199 = 280,963$$

$$675,628 + 13,800 = 689,428$$

$$948,100 - 39,000 = 909,100$$

$$198,483 - 42,999 = 155,484$$

$$536,286 - 16,097 = 520,189$$



Problem Cards C, Set Three
Solve these addition and subtraction questions mentally.

$$305,295 + 65,200 = 370,495$$

$$594,982 + 15,000 = 609,982$$

$$761,234 + 20,704 = 781,938$$

$$484,563 - 42,563 = 442,000$$

$$827,699 - 21,400 = 806,299$$

$$248,534 - 42,024 = 206,510$$



Problem Cards C, Set Four
Decide the best method to solve these addition and subtraction questions.

$$354,568 + 12,995 = 376,563$$
 rounding/
adjusting

$$967,560 + 13,000 = 980,560$$
 mental

$$297,945 + 11,634 = 309,579$$
 column

$$804,284 - 95,137 = 709,147$$
 column

$$714,374 - 13,980 = 700,394$$
 equals
addition

$$625,763 - 14,700 = 611,063$$
 mental