



Breaking Each Number
into Its Place Value





Category 1

Smaller two-digit numbers that do not require regrouping.



$$10 + 10$$

$$10 + 11$$

$$12 + 13$$

$$14 + 15$$



$$12 + 17$$

$$15 + 14$$

$$13 + 16$$

$$11 + 17$$



$$10 + 20$$

$$11 + 22$$

$$14 + 23$$

$$15 + 21$$



$$20 + 20$$



$$23 + 25$$



$$25 + 21$$

$$22 + 26$$





$$10 + 30$$



$$13 + 31$$



$$33 + 16$$

$$18 + 31$$





$$28 + 11$$

$$14 + 35$$

$$22 + 15$$

$$18 + 31$$



$$36 + 22$$

$$12 + 37$$

$$13 + 14$$

$$24 + 32$$



$$18 + 31$$



$$23 + 14$$



$$37 + 12$$

$$32 + 25$$





Category 2

Encourage students to combining the ten from the ones column with the tens from the ten column.



$$10 + 10 + 10$$



$$13 + 17$$



$$18 + 12$$

$$16 + 14$$





$$13 + 18$$

$$16 + 15$$

$$17 + 14$$

$$12 + 19$$





$$15 + 18$$

$$17 + 16$$

$$14 + 18$$

$$15 + 17$$



$$15 + 27$$

$$23 + 18$$

$$17 + 25$$

$$16 + 27$$



$$22 + 18$$

$$15 + 26$$

$$17 + 28$$

$$16 + 26$$



$$26 + 28$$



$$23 + 27$$



$$27 + 25$$

$$28 + 24$$





$$25 + 35$$

$$32 + 28$$

$$36 + 27$$

$$26 + 24$$



$$17 + 33$$

$$24 + 38$$

$$36 + 27$$

$$26 + 24$$



$$27 + 15$$

$$35 + 26$$

$$17 + 33$$

$$25 + 38$$



Category 3

Numbers of greater magnitude



$$38 + 58$$

$$67 + 17$$

$$44 + 38$$

$$25 + 66$$



$$58 + 26$$

$$34 + 57$$

$$78 + 25$$

$$39 + 46$$



$$18 + 42$$

$$27 + 66$$

$$35 + 48$$

$$62 + 28$$



$$13 + 58$$



$$47 + 16$$



$$36 + 25$$



$$73 + 18$$





$$53 + 28$$



$$44 + 18$$



$$36 + 38$$



$$17 + 55$$





$$42 + 28$$

$$63 + 18$$

$$55 + 27$$

$$34 + 26$$



$$74 + 18$$

$$58 + 28$$

$$37 + 26$$

$$46 + 38$$



$$26 + 45$$

$$38 + 17$$

$$28 + 32$$

$$53 + 38$$



$$37 + 38$$

$$28 + 47$$

$$66 + 28$$

$$45 + 47$$