

Name: ..... Class: .....

## Guess the number: word problems

1. Jonas picked a two-digit number. The number had a 6 in the tens place. He can only say the number when he counts by twos. The number is also greater than 66. What number did he pick if he was counting in odds?
2. Yesterday, Mercy's teacher read out a number that had 4 in the ones place. The number was also greater than 20 but less than 30. What number did the teacher read?
3. I am a two-digit number with an 8 in the ones place. I am greater than 90. What am I ?
4. I am thinking of a three-digit number with the same number in the hundreds and tens place but a 0 in the ones place. If the sum of the number is 16, find the number I am considering.
5. Maya picked a two-digit number. The number had a 5 in the ones place. She can only say the number when she counts by fives. The number is also bigger than 85. What number did she pick if she was counting in evens?
6. Arun picked a two-digit number. The number had a 1 in the ones place. He can only say the number when he counts by nines. The number is also smaller than 99. What number did he pick if he was counting in odds?
7. Last week, David's teacher wrote down a number that had 7 in the ones place. The number was also smaller than 80 but bigger than 70. What number did the teacher write?



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1. Jonas picked a two-digit number. The number had a 6 in the tens place. He can only say the number when he counts by twos. The number is also greater than 66. What number did he pick if he was counting in odds?

Firstly, let's list all the 2-digit numbers greater than 66.

67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, ... 99.

Secondly, select all the numbers that has 6 in the tens place.

67, 68, 69.

Finally, count by twos to say the number.

Start at: 67 68 69

So, he picked the number 69.

2. Yesterday, Mercy's teacher read out a number that had 4 in the ones place. The number was also greater than 20 but less than 30. What number did the teacher read?

We begin by listing out all the numbers that are greater than 20 and less than 30.

21, 22, 23, 24, 25, 26, 27, 28, 29.

Now, pick out the number that has 4 in the ones place from the list

24

So, the teacher read the number 24.

3. I am a two-digit number with an 8 in the ones place. I am greater than 90. What am I ?

We begin by listing down all 2-digit numbers greater than 90

91, 92, 93, 94, 95, 96, 97, 98, 99.

Now, select the number with an 8 in the ones place.

So, I am 98.



4. 880      5. 95      6. 81      7. 77