

Date

T: use inverses to solve problems

- 1) I think of a number, double it and add 5.  
The answer is 35.  
What was my number?
  
- 2) I think of a number, half it and subtract 10.  
The answer is 10.  
What was my number?
  
- 3) I think of a number, double it and subtract 6.  
The answer is 18.  
What was my number?
  
- 4) I think of a number, half it and add 25.  
The answer is 55.  
What was my number?
  
- 5) I think of a number, multiply it by 4 and add 6.  
The answer is 26.  
What was my number?
  
- 6) I think of a number, divide it by 10 and subtract 4.  
The answer is 4.  
What was my number?
  
- 7) I think of a number, add 3 and multiply it by 4.  
The answer is 52.  
What was my number?
  
- 8) I think of a number, subtract 8 and divide it by 3.  
The answer is 10.  
What was my number?

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Answers

- 1) 15
- 2) 20
- 3) 12
- 4) 60
- 5) 5
- 6) 80
- 7) 10
- 8) 38