DarTutors · Word Problems to Equations

Name: _____ Date: _____

1. I think of a number. I multiply it by 2, then add 12. The result is 22. What number did I think of?

_____

2. I think of a number. I multiply it by 4, then add 17. The result is 45. What number did I think of?

_____

3. I think of a number. I multiply it by 7, then subtract 13. The result is 1. What number did I think of?

_____

4. I think of a number. I multiply it by 5, then add 12. The result is 52. What number did I think of?

_____

5. I think of a number. I multiply it by 7, then add 10. The result is 52. What number did I think of?

_____

6. I think of a number. I multiply it by 2, then subtract 7. The result is -1. What number did I think of?

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7. I think of a number. I multiply it by 3, then add 4. The result is 25. What number did I think of?

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8. I think of a number. I multiply it by 3, then add 7. The result is 31. What number did I think of?

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9. I think of a number. I multiply it by 5, then add 13. The result is 73. What number did I think of?

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10. I think of a number. I multiply it by 3, then subtract 6. The result is 30. What number did I think of?

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ANSWER KEY

1. 5

2. 7

3. 2

4. 8

5. 6

6. 3

7. 7

8. 8

9. 12

10. 12

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