

Name: _____ Grade 7 - _____

Creating and Solving Equations

Write an equation for each description. The first one has been done for you.
Solve to find x .

| I think of a number.... x | Equation | $x =$ |
|---|---------------|-------|
| I multiply it by 3 and add 5. The answer is 14. | $3x + 5 = 14$ | 3 |
| I subtract 5 from it. The answer is 8. | | |
| I multiply it by 4 and subtract 4. The answer is 10. | | |
| I divide it by 4. The answer is 8. | | |
| I multiply it by 5. The answer is 10. | | |
| I subtract 5 and divide by 2. The answer is 14 | | |
| I multiply it by 4 and divide by 5. The answer is 10 | | |
| I multiply it by 2 and subtract 10. The answer is 8. | | |
| I multiply by 3, add 6, then divide by 3. The answer is 10. | | |
| I add 8 and divide 4. The answer is 14. | | |