

Math 8

Our Goal: To continue to solve multi-step equations

Warm Up: You will need your homework and notebook
Everything else, bags etc. on the shelves, thank you

Today's Homework

- 1.1-1.2 Review Handout: 1-14
- i-Ready due on Friday

Previous Homework

M&Y 1.2 Practice, p.13-14: 1-15

Happy Star Trek Day!



Weekly iReady assignments will be scored for grading as follows:

passing scores

100% - passing 2 or more lessons

85% - recording at least 30 min and passing 1 of 2 completed lessons

70% - recording at least 30 min and passing 0 of 2 completed lessons

failing scores

60% - recording at least 30 min and completing only 1 lesson

50% - recording less than 30 min and completing only 1 lesson

40% - recording at least 30 min and completing 0 lessons

0% - recording less than 30 min and completing 0 lessons

* Homework pass - passing more than 2 lessons

Simplify the expression.

1) $2n + 5 + 3n$

2) $x - 7 - 4x$

3) $4f + f + 6f$

4) $(9 - m) + 4m + 7$

5) $17 + 2t - 9 + 2t$

6) $(y + 7) + (2y - 5)$



Solving Multi-Step Equations

To solve multi-step equations, use inverse operations to isolate the variable.

The height (in feet) of a tree after x years is $1.5x + 15$.
After how many years is the tree 24 feet tall?

Solve $8x - 6x - 25 = -35$.

Solve $2(1 - 5x) + 4 = -8$.

Use the table to find the number of miles x you need to run on Friday so that the mean number of miles run per day is 1.5.

Day	Miles
Monday	2
Tuesday	0
Wednesday	1.5
Thursday	0
Friday	x