

## Math 3 Guided Notes Unit 5 Day 4 - Word Problems

**Example 1:** Julie can paint a room in 5 hours. Susie can paint the same room in 4 hours. How long will it take them to paint the room if they work together?

**Example 2:** Bob can plow a field in 4 days. George can plow the same field in 7 days. If they work together, how many days will it take for them to plow the field?

**Example 3:** Tom can build a birdhouse in 10 hours. Working with Dan, they can build the same birdhouse in 4 hours. How long would it take for Dan to build the birdhouse by himself?

**Example 4:** Sue can organize a closet in 8 hours. If Jill helps her, they can organize the closet in 5 hours. How long would it take Jill to organize the closet by herself?