

Work Problems !

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Solve each question. Round your answer to the nearest hundredth.

- 1) Working together, Stefan and Daniel can sweep a porch in 5.32 minutes. Had he done it alone it would have taken Daniel 13 minutes. How long would it take Stefan to do it alone?
- 2) Working together, Willie and Jill can tar a roof in 6.86 hours. Had she done it alone it would have taken Jill 16 hours. How long would it take Willie to do it alone?
- 3) Mike can clean an attic in 9 hours. One day his friend Huong helped him and it only took 4.95 hours. Find how long it would take Huong to do it alone.
- 4) Jill can paint a fence in eight hours. Stefan can paint the same fence in ten hours. How long would it take them if they worked together?
- 5) It takes Huong 15 hours to pick forty bushels of apples. Kristin can pick the same amount in 9 hours. How long would it take them if they worked together?
- 6) Emily can paint a fence in eight hours. Mike can paint the same fence in nine hours. Find how long it would take them if they worked together.

- 7) Working alone, Shreya can clean an attic in 13 hours. Joe can clean the same attic in 10 hours. How long would it take them if they worked together?
- 8) Working alone, Matt can sweep a porch in 12 minutes. Maria can sweep the same porch in 10 minutes. If they worked together how long would it take them?
- 9) Working together, Mei and Trevon can clean an attic in 6.15 hours. Had he done it alone it would have taken Trevon 10 hours. How long would it take Mei to do it alone?
- 10) Working alone, Julio can paint a fence in nine hours. Stephanie can paint the same fence in ten hours. Find how long it would take them if they worked together.
- 11) Eugene can pick forty bushels of apples in 15 hours. Wilbur can pick the same amount in 11 hours. If they worked together how long would it take them?
- 12) Working alone, it takes Amy 11 hours to pick forty bushels of apples. Aliyah can pick the same amount in 10 hours. If they worked together how long would it take them?
- 13) Working together, Lea and Shawna can tar a roof in 4.95 hours. Had she done it alone it would have taken Shawna 8 hours. Find how long it would take Lea to do it alone.
- 14) Darryl can tar a roof in 11 hours. One day his friend Mary helped him and it only took 6.52 hours. Find how long it would take Mary to do it alone.