

Work Word Problems

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

- 1) It takes Kali eight minutes to sweep a porch. Shawna can sweep the same porch in 11 minutes. If they worked together how long would it take them?
- 2) It takes Heather seven hours to pour a large concrete driveway. Alberto can pour the same driveway in eight hours. How long would it take them if they worked together?
- 3) Working alone, it takes Stephanie seven hours to clean an attic. Shayna can clean the same attic in 12 hours. Find how long it would take them if they worked together.
- 4) It takes Darryl nine hours to mop a warehouse. Castel can mop the same warehouse in eight hours. Find how long it would take them if they worked together.
- 5) Working alone, Shanice can tar a roof in 12 hours. One day her friend Kathryn helped her and it only took 5.14 hours. How long would it take Kathryn to do it alone?
- 6) Nicole can pick forty bushels of apples in 15 hours. Carlos can pick the same amount in 11 hours. How long would it take them if they worked together?

- 7) Working together, Arjun and Maria can oil the lanes in a bowling alley in 4.24 hours. Had she done it alone it would have taken Maria eight hours. How long would it take Arjun to do it alone?
- 8) Working alone, Eduardo can harvest a field in 14 hours. One day his friend Amy helped him and it only took 7.47 hours. How long would it take Amy to do it alone?
- 9) Working together, Mary and Trevon can inflate twenty balloons in 7.34 minutes. Had he done it alone it would have taken Trevon 14.1 minutes. How long would it take Mary to do it alone?
- 10) Shreya can weed a garden in 19.3 minutes. One day her friend Elisa helped her and it only took 7.44 minutes. Find how long it would take Elisa to do it alone.
- 11) Huong can wash a car in 10 minutes. One day her friend Castel helped her and it only took 6.67 minutes. How long would it take Castel to do it alone?
- 12) Working together, Kim and Jennifer can install a new deck in 6.28 hours. Had she done it alone it would have taken Jennifer 13.7 hours. How long would it take Kim to do it alone?

Work Word Problems

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

- 1) It takes Kali eight minutes to sweep a porch. Shawna can sweep the same porch in 11 minutes. If they worked together how long would it take them?
4.63 minutes
- 2) It takes Heather seven hours to pour a large concrete driveway. Alberto can pour the same driveway in eight hours. How long would it take them if they worked together?
3.73 hours
- 3) Working alone, it takes Stephanie seven hours to clean an attic. Shayna can clean the same attic in 12 hours. Find how long it would take them if they worked together.
4.42 hours
- 4) It takes Darryl nine hours to mop a warehouse. Castel can mop the same warehouse in eight hours. Find how long it would take them if they worked together.
4.24 hours
- 5) Working alone, Shanice can tar a roof in 12 hours. One day her friend Kathryn helped her and it only took 5.14 hours. How long would it take Kathryn to do it alone?
8.99 hours
- 6) Nicole can pick forty bushels of apples in 15 hours. Carlos can pick the same amount in 11 hours. How long would it take them if they worked together?
6.35 hours

7) Working together, Arjun and Maria can oil the lanes in a bowling alley in 4.24 hours. Had she done it alone it would have taken Maria eight hours. How long would it take Arjun to do it alone?

9.02 hours

8) Working alone, Eduardo can harvest a field in 14 hours. One day his friend Amy helped him and it only took 7.47 hours. How long would it take Amy to do it alone?

16.02 hours

9) Working together, Mary and Trevon can inflate twenty balloons in 7.34 minutes. Had he done it alone it would have taken Trevon 14.1 minutes. How long would it take Mary to do it alone?

15.31 minutes

10) Shreya can weed a garden in 19.3 minutes. One day her friend Elisa helped her and it only took 7.44 minutes. Find how long it would take Elisa to do it alone.

12.11 minutes

11) Huong can wash a car in 10 minutes. One day her friend Castel helped her and it only took 6.67 minutes. How long would it take Castel to do it alone?

20.03 minutes

12) Working together, Kim and Jennifer can install a new deck in 6.28 hours. Had she done it alone it would have taken Jennifer 13.7 hours. How long would it take Kim to do it alone?

11.6 hours