

Assignment

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

- 1) It takes Heather 13 hours to tar a roof. Jacob can tar the same roof in 9 hours. How long would it take them if they worked together?
- 2) Working alone, it takes Amy 16 hours to harvest a field. Ndiba can harvest the same field in 14 hours. Find how long it would take them if they worked together.
- 3) Working together, Shawna and Rob can pick forty bushels of apples in 6.16 hours. Had he done it alone it would have taken Rob 11 hours. Find how long it would take Shawna to do it alone.
- 4) Working alone, it takes DeShawn 12 hours to pick forty bushels of apples. Ashley can pick the same amount in 15 hours. Find how long it would take them if they worked together.
- 5) Working together, Mike and Ming can sweep a porch in 6.35 minutes. Had she done it alone it would have taken Ming 11 minutes. Find how long it would take Mike to do it alone.
- 6) It takes Norachai 11 hours to tar a roof. Ndiba can tar the same roof in 17 hours. How long would it take them if they worked together?
- 7) Working together, Stephanie and Elisa can pick forty bushels of apples in 5.24 hours. Had she done it alone it would have taken Elisa 10 hours. Find how long it would take Stephanie to do it alone.
- 8) Paul can pick forty bushels of apples in 10 hours. Jill can pick the same amount in 14 hours. If they worked together how long would it take them?
- 9) Working together, Sumalee and Shawna can harvest a field in 8.18 hours. Had she done it alone it would have taken Shawna 15 hours. Find how long it would take Sumalee to do it alone.
- 10) Kali can pick forty bushels of apples in 9 hours. Elisa can pick the same amount in 14 hours. How long would it take them if they worked together?
- 11) Mei can inflate twenty balloons in 14 minutes. Julia can inflate the same twenty balloons in 18 minutes. How long would it take them if they worked together?
- 12) Ndiba can harvest a field in 11 hours. One day his friend Micaela helped him and it only took 6.52 hours. How long would it take Micaela to do it alone?
- 13) Jimmy can pick forty bushels of apples in 15 hours. Julia can pick the same amount in 10 hours. How long would it take them if they worked together?
- 14) It takes Sumalee nine hours to mop a warehouse. DeShawn can mop the same warehouse in 11 hours. If they worked together how long would it take them?



- 15) Working together, Beth and Kayla can pick forty bushels of apples in 6.74 hours. Had she done it alone it would have taken Kayla 13 hours. How long would it take Beth to do it alone?
- 16) Working together, DeShawn and Brenda can pick forty bushels of apples in 7.24 hours. Had she done it alone it would have taken Brenda 15 hours. Find how long it would take DeShawn to do it alone.
- 17) Stephanie can mop a warehouse in 12 hours. Mofor can mop the same warehouse in 9 hours. If they worked together how long would it take them?
- 18) Working alone, Ming can mop a warehouse in 12 hours. One day her friend Alberto helped her and it only took 5.74 hours. How long would it take Alberto to do it alone?
- 19) Working alone, James can dig a 10 ft by 10 ft hole in ten hours. Stefan can dig the same hole in nine hours. If they worked together how long would it take them?
- 20) Julia can harvest a field in 10 hours. Huong can harvest the same field in 12 hours. Find how long it would take them if they worked together.
- 21) Working together, Wilbur and Carlos can harvest a field in 6.83 hours. Had he done it alone it would have taken Carlos 11 hours. How long would it take Wilbur to do it alone?
- 22) Working alone, Kim can pick forty bushels of apples in 9 hours. One day her friend Shanice helped her and it only took 5.63 hours. How long would it take Shanice to do it alone?
- 23) Working alone, Norachai can harvest a field in 17 hours. James can harvest the same field in 13 hours. Find how long it would take them if they worked together.
- 24) Working together, Lea and Amy can tar a roof in 7.74 hours. Had she done it alone it would have taken Amy 16 hours. Find how long it would take Lea to do it alone.



Answers to Assignment (ID: 1)

- 1) 5.32 hours
- 5) 15.02 minutes
- 9) 17.99 hours
- 13) 6 hours
- 17) 5.14 hours
- 21) 18.02 hours

- 2) 7.47 hours
- 6) 6.68 hours
- 10) 5.48 hours
- 14) 4.95 hours
- 18) 11 hours
- 22) 15.04 hours

- 3) 14 hours
- 7) 11.01 hours
- 11) 7.88 minutes
- 15) 14 hours
- 19) 4.74 hours
- 23) 7.37 hours

- 4) 6.67 hours
- 8) 5.83 hours
- 12) 16.01 hours
- 16) 13.99 hours
- 20) 5.45 hours
- 24) 14.99 hours



Assignment

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

- 1) James can inflate twenty balloons in 15 minutes. Arjun can inflate the same twenty balloons in 14 minutes. Find how long it would take them if they worked together.
- 2) Working alone, Daniel can pick forty bushels of apples in 10 hours. Pranav can pick the same amount in 12 hours. Find how long it would take them if they worked together.
- 3) Working together, Amy and Kristin can pick forty bushels of apples in 6.96 hours. Had she done it alone it would have taken Kristin 13 hours. How long would it take Amy to do it alone?
- 4) Working together, Ashley and Danielle can tar a roof in 4.95 hours. Had she done it alone it would have taken Danielle 9 hours. How long would it take Ashley to do it alone?
- 5) It takes Stephanie 11 hours to pick forty bushels of apples. Kristin can pick the same amount in 12 hours. If they worked together how long would it take them?
- 6) Working together, Natalie and Jennifer can harvest a field in 8.24 hours. Had she done it alone it would have taken Jennifer 17 hours. How long would it take Natalie to do it alone?
- 7) Working together, Rob and Joe can tar a roof in 5.32 hours. Had he done it alone it would have taken Joe 13 hours. Find how long it would take Rob to do it alone.
- 8) Working alone, Ryan can build a home in 17 weeks. One day his friend Jimmy helped him and it only took 8.74 weeks. Find how long it would take Jimmy to do it alone.
- 9) Paul can inflate twenty balloons in 12 minutes. One day his friend Chelsea helped him and it only took 6.24 minutes. Find how long it would take Chelsea to do it alone.
- 10) Working alone, it takes Micaela 12 hours to pick forty bushels of apples. Shanice can pick the same amount in 15 hours. Find how long it would take them if they worked together.
- 11) Working alone, Stephanie can harvest a field in 16 hours. One day her friend Julio helped her and it only took 7.17 hours. How long would it take Julio to do it alone?
- 12) Working together, Jose and Micaela can pick forty bushels of apples in 5.14 hours. Had she done it alone it would have taken Micaela 9 hours. Find how long it would take Jose to do it alone.
- 13) Working together, Wilbur and Willie can wax a floor in 5.96 minutes. Had he done it alone it would have taken Willie 11 minutes. How long would it take Wilbur to do it alone?
- 14) It takes Amanda 17 hours to tar a roof. Mei can tar the same roof in 12 hours. How long would it take them if they worked together?



- 15) Working alone, it takes Sumalee 18 hours to harvest a field. Kim can harvest the same field in 14 hours. If they worked together how long would it take them?
- 16) Ryan can sweep a porch in 10 minutes. One day his friend Lea helped him and it only took 5.83 minutes. How long would it take Lea to do it alone?
- 17) Ming can tar a roof in 14 hours. One day her friend Emily helped her and it only took 7.68 hours. How long would it take Emily to do it alone?
- 18) Working alone, it takes Stefan 14 hours to tar a roof. Pranav can tar the same roof in 9 hours. Find how long it would take them if they worked together.
- 19) Working alone, it takes Aliyah 15 minutes to sweep a porch. Abhasra can sweep the same porch in 11 minutes. Find how long it would take them if they worked together.
- 20) Working together, Krystal and Anjali can install a new deck in 6 hours. Had she done it alone it would have taken Anjali 15 hours. Find how long it would take Krystal to do it alone.
- 21) Stefan can harvest a field in 18 hours. Sumalee can harvest the same field in 12 hours. Find how long it would take them if they worked together.
- 22) Working alone, Carlos can sweep a porch in 11 minutes. Shanice can sweep the same porch in 10 minutes. If they worked together how long would it take them?
- 23) Working alone, it takes Stephanie 12 hours to clean an attic. Aliyah can clean the same attic in 14 hours. Find how long it would take them if they worked together.
- 24) Working together, Maria and Jacob can clean an attic in 6.43 hours. Had he done it alone it would have taken Jacob 18 hours. Find how long it would take Maria to do it alone.



Answers to Assignment (ID: 2)

- | | | | |
|-------------------|------------------|------------------|-------------------|
| 1) 7.24 minutes | 2) 5.45 hours | 3) 14.98 hours | 4) 11 hours |
| 5) 5.74 hours | 6) 15.99 hours | 7) 9.01 hours | 8) 17.99 weeks |
| 9) 13 minutes | 10) 6.67 hours | 11) 12.99 hours | 12) 11.98 hours |
| 13) 13.01 minutes | 14) 7.03 hours | 15) 7.88 hours | 16) 13.98 minutes |
| 17) 17.01 hours | 18) 5.48 hours | 19) 6.35 minutes | 20) 10 hours |
| 21) 7.2 hours | 22) 5.24 minutes | 23) 6.46 hours | 24) 10 hours |



Assignment

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

- 1) Working alone, Jimmy can tar a roof in 14 hours. One day his friend Totsakan helped him and it only took 6.46 hours. How long would it take Totsakan to do it alone?
- 2) Abhasra can tar a roof in 18 hours. Rob can tar the same roof in 15 hours. Find how long it would take them if they worked together.
- 3) Mark can harvest a field in 16 hours. One day his friend Maria helped him and it only took 6.52 hours. Find how long it would take Maria to do it alone.
- 4) Working alone, Shayna can pick forty bushels of apples in 9 hours. Mofor can pick the same amount in 14 hours. Find how long it would take them if they worked together.
- 5) Working together, Aliyah and Ming can sweep a porch in 5.65 minutes. Had she done it alone it would have taken Ming 13 minutes. How long would it take Aliyah to do it alone?
- 6) Working alone, Joe can pick forty bushels of apples in 15 hours. One day his friend Imani helped him and it only took 5.63 hours. How long would it take Imani to do it alone?
- 7) Working together, Kim and Mark can sweep a porch in 6 minutes. Had he done it alone it would have taken Mark 15 minutes. Find how long it would take Kim to do it alone.
- 8) Julio can harvest a field in 11 hours. One day his friend Alberto helped him and it only took 6.35 hours. How long would it take Alberto to do it alone?
- 9) Working together, Micaela and Kayla can harvest a field in 6.24 hours. Had she done it alone it would have taken Kayla 13 hours. How long would it take Micaela to do it alone?
- 10) Perry can install a new deck in 16 hours. Kali can install the same deck in 12 hours. How long would it take them if they worked together?
- 11) Working together, Pranav and Paul can clean an attic in 5.83 hours. Had he done it alone it would have taken Paul 10 hours. How long would it take Pranav to do it alone?
- 12) Working alone, it takes Totsakan 14 hours to clean an attic. Mark can clean the same attic in 11 hours. How long would it take them if they worked together?
- 13) Working alone, Julio can oil the lanes in a bowling alley in ten hours. Eduardo can oil the same lanes in nine hours. How long would it take them if they worked together?
- 14) Working alone, Natalie can harvest a field in 16 hours. One day her friend Dan helped her and it only took 8.24 hours. Find how long it would take Dan to do it alone.
- 15) Working together, Stefan and Castel can sweep a porch in 6.96 minutes. Had he done it alone it would have taken Castel 13 minutes. Find how long it would take Stefan to do it alone.
- 16) Working alone, Huong can clean an attic in 10 hours. One day her friend Jack helped her and it only took 6.15 hours. How long would it take Jack to do it alone?



- 17) Working together, Jennifer and Rob can mop a warehouse in 4.95 hours. Had he done it alone it would have taken Rob 11 hours. How long would it take Jennifer to do it alone?
- 18) Working alone, Eduardo can pick forty bushels of apples in 10 hours. Ashley can pick the same amount in 11 hours. If they worked together how long would it take them?
- 19) Working together, Arjun and Imani can sweep a porch in 5.45 minutes. Had she done it alone it would have taken Imani 10 minutes. Find how long it would take Arjun to do it alone.
- 20) Working alone, Totsakan can pick forty bushels of apples in 11 hours. Mark can pick the same amount in 13 hours. If they worked together how long would it take them?
- 21) Working alone, Matt can tar a roof in 16 hours. Rob can tar the same roof in 15 hours. Find how long it would take them if they worked together.
- 22) Working together, Jenny and Jack can inflate twenty balloons in 7.2 minutes. Had he done it alone it would have taken Jack 12 minutes. How long would it take Jenny to do it alone?
- 23) Working together, Norachai and Jimmy can mop a warehouse in 5.14 hours. Had he done it alone it would have taken Jimmy 9 hours. How long would it take Norachai to do it alone?
- 24) Wilbur can pick forty bushels of apples in 9 hours. Shawna can pick the same amount in 13 hours. Find how long it would take them if they worked together.



Answers to Assignment (ID: 3)

1) 11.99 hours
5) 9.99 minutes
9) 12 hours
13) 4.74 hours
17) 9 hours
21) 7.74 hours

2) 8.18 hours
6) 9.01 hours
10) 6.86 hours
14) 16.99 hours
18) 5.24 hours
22) 18 minutes

3) 11 hours
7) 10 minutes
11) 13.98 hours
15) 14.98 minutes
19) 11.98 minutes
23) 11.98 hours

4) 5.48 hours
8) 15.02 hours
12) 6.16 hours
16) 15.97 hours
20) 5.96 hours
24) 5.32 hours



Assignment

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

- 1) Working together, Jose and Alberto can clean an attic in 7.37 hours. Had he done it alone it would have taken Alberto 17 hours. How long would it take Jose to do it alone?
- 2) Working together, Jill and Kristin can pick forty bushels of apples in 7.24 hours. Had she done it alone it would have taken Kristin 14 hours. How long would it take Jill to do it alone?
- 3) Working together, Amanda and Eugene can sweep a porch in 4.95 minutes. Had he done it alone it would have taken Eugene 11 minutes. How long would it take Amanda to do it alone?
- 4) Working alone, Mary can pick forty bushels of apples in 12 hours. One day her friend Alberto helped her and it only took 5.74 hours. Find how long it would take Alberto to do it alone.
- 5) Working together, Micaela and Ryan can sweep a porch in 5.24 minutes. Had he done it alone it would have taken Ryan 11 minutes. Find how long it would take Micaela to do it alone.
- 6) Working alone, it takes Cody 15 hours to tar a roof. Amanda can tar the same roof in 13 hours. Find how long it would take them if they worked together.
- 7) Paul can harvest a field in 17 hours. Alberto can harvest the same field in 15 hours. How long would it take them if they worked together?
- 8) Matt can sweep a porch in 14 minutes. One day his friend Cody helped him and it only took 6.16 minutes. How long would it take Cody to do it alone?
- 9) Working together, Jill and Norachai can pick forty bushels of apples in 5.83 hours. Had he done it alone it would have taken Norachai 10 hours. Find how long it would take Jill to do it alone.
- 10) Working together, Bill and Kim can build a home in 6 weeks. Had she done it alone it would have taken Kim 15 weeks. How long would it take Bill to do it alone?
- 11) Shawna can pick forty bushels of apples in 9 hours. One day her friend Kathryn helped her and it only took 5.14 hours. Find how long it would take Kathryn to do it alone.
- 12) Working alone, Darryl can clean an attic in 12 hours. One day his friend Jenny helped him and it only took 7.2 hours. How long would it take Jenny to do it alone?
- 13) It takes Jill 14 minutes to wash a car. Mark can wash the same car in 17 minutes. How long would it take them if they worked together?
- 14) It takes John ten hours to paint a fence. Julia can paint the same fence in nine hours. Find how long it would take them if they worked together.



- 15) Julio can sweep a porch in 13 minutes. Jose can sweep the same porch in 9 minutes. How long would it take them if they worked together?
- 17) It takes Carlos 11 hours to pick forty bushels of apples. John can pick the same amount in 15 hours. How long would it take them if they worked together?
- 19) Working alone, it takes Julio 11 hours to harvest a field. Perry can harvest the same field in 17 hours. If they worked together how long would it take them?
- 21) Working together, Krystal and Lea can harvest a field in 6.3 hours. Had she done it alone it would have taken Lea 10 hours. Find how long it would take Krystal to do it alone.
- 23) It takes Kayla 16 hours to tar a roof. Paul can tar the same roof in 14 hours. Find how long it would take them if they worked together.
- 16) Working alone, it takes Mark 11 hours to pick forty bushels of apples. Scott can pick the same amount in 13 hours. Find how long it would take them if they worked together.
- 18) Working together, Jaidee and Nicole can tar a roof in 5.48 hours. Had she done it alone it would have taken Nicole 9 hours. How long would it take Jaidee to do it alone?
- 20) Working together, Heather and Anjali can harvest a field in 6.15 hours. Had she done it alone it would have taken Anjali 10 hours. How long would it take Heather to do it alone?
- 22) Working alone, Wilbur can pick forty bushels of apples in 10 hours. One day his friend John helped him and it only took 5.45 hours. Find how long it would take John to do it alone.
- 24) Working together, Beth and Dan can clean an attic in 8.47 hours. Had he done it alone it would have taken Dan 16 hours. Find how long it would take Beth to do it alone.



Answers to Assignment (ID: 4)

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|------------------|-----------------|------------------|-----------------|
| 1) 13.01 hours | 2) 14.99 hours | 3) 9 minutes | 4) 11 hours |
| 5) 10.01 minutes | 6) 6.96 hours | 7) 7.97 hours | 8) 11 minutes |
| 9) 13.98 hours | 10) 10 weeks | 11) 11.98 hours | 12) 18 hours |
| 13) 7.68 minutes | 14) 4.74 hours | 15) 5.32 minutes | 16) 5.96 hours |
| 17) 6.35 hours | 18) 14.01 hours | 19) 6.68 hours | 20) 15.97 hours |
| 21) 17.03 hours | 22) 11.98 hours | 23) 7.47 hours | 24) 18 hours |



Assignment

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

- 1) Working alone, Alberto can pick forty bushels of apples in 14 hours. One day his friend Shawna helped him and it only took 6.46 hours. Find how long it would take Shawna to do it alone.
- 2) It takes Maria 13 minutes to sweep a porch. Bill can sweep the same porch in 10 minutes. If they worked together how long would it take them?
- 3) Kali can pick forty bushels of apples in 12 hours. Aliyah can pick the same amount in 15 hours. If they worked together how long would it take them?
- 4) Working together, Jacob and Jack can harvest a field in 7.97 hours. Had he done it alone it would have taken Jack 17 hours. Find how long it would take Jacob to do it alone.
- 5) Working together, Shreya and Norachai can pick forty bushels of apples in 5.45 hours. Had he done it alone it would have taken Norachai 12 hours. How long would it take Shreya to do it alone?
- 6) It takes Lisa 18 hours to clean an attic. Mei can clean the same attic in 14 hours. Find how long it would take them if they worked together.
- 7) Working alone, it takes Mike 13 hours to clean an attic. Pranav can clean the same attic in 15 hours. If they worked together how long would it take them?
- 8) It takes Jessica 18 minutes to inflate twenty balloons. Scott can inflate the same twenty balloons in 16 minutes. Find how long it would take them if they worked together.
- 9) Kim can harvest a field in 13 hours. Jill can harvest the same field in 14 hours. If they worked together how long would it take them?
- 10) It takes Jasmine 12 hours to mop a warehouse. Kristin can mop the same warehouse in 9 hours. If they worked together how long would it take them?
- 11) Working alone, Rob can tar a roof in 15 hours. One day his friend Ashley helped him and it only took 6.35 hours. Find how long it would take Ashley to do it alone.
- 12) Working alone, it takes Adam 12 hours to pick forty bushels of apples. Darryl can pick the same amount in 13 hours. Find how long it would take them if they worked together.
- 13) Jose can clean an attic in 14 hours. One day his friend Joe helped him and it only took 7.24 hours. How long would it take Joe to do it alone?
- 14) Paul can pick forty bushels of apples in 15 hours. One day his friend Jasmine helped him and it only took 6 hours. How long would it take Jasmine to do it alone?



- 15) Working together, Eduardo and Ted can clean an attic in 4.95 hours. Had he done it alone it would have taken Ted 9 hours. How long would it take Eduardo to do it alone?
- 16) Working alone, it takes Kristin 11 hours to clean an attic. Shreya can clean the same attic in 13 hours. Find how long it would take them if they worked together.
- 17) Working alone, Mei can tar a roof in 12 hours. Jenny can tar the same roof in 16 hours. How long would it take them if they worked together?
- 18) Working alone, Joe can sweep a porch in 14 minutes. Jaidee can sweep the same porch in 11 minutes. Find how long it would take them if they worked together.
- 19) Working alone, it takes Shreya ten hours to mop a warehouse. Julia can mop the same warehouse in nine hours. How long would it take them if they worked together?
- 20) Working together, Jimmy and Alberto can mop a warehouse in 5.24 hours. Had he done it alone it would have taken Alberto 11 hours. How long would it take Jimmy to do it alone?
- 21) Working alone, John can clean an attic in 15 hours. Amy can clean the same attic in 16 hours. If they worked together how long would it take them?
- 22) DeShawn can tar a roof in 10 hours. Jack can tar the same roof in 18 hours. How long would it take them if they worked together?
- 23) Working alone, Amanda can harvest a field in 17 hours. Ashley can harvest the same field in 13 hours. Find how long it would take them if they worked together.
- 24) Working together, Stephanie and Totsakan can tar a roof in 8.18 hours. Had he done it alone it would have taken Totsakan 15 hours. Find how long it would take Stephanie to do it alone.



Answers to Assignment (ID: 5)

- | | | | |
|-----------------|------------------|-----------------|-----------------|
| 1) 11.99 hours | 2) 5.65 minutes | 3) 6.67 hours | 4) 15 hours |
| 5) 9.98 hours | 6) 7.88 hours | 7) 6.96 hours | 8) 8.47 minutes |
| 9) 6.74 hours | 10) 5.14 hours | 11) 11.01 hours | 12) 6.24 hours |
| 13) 14.99 hours | 14) 10 hours | 15) 11 hours | 16) 5.96 hours |
| 17) 6.86 hours | 18) 6.16 minutes | 19) 4.74 hours | 20) 10.01 hours |
| 21) 7.74 hours | 22) 6.43 hours | 23) 7.37 hours | 24) 17.99 hours |



Assignment

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

- 1) It takes Norachai 11 hours to clean an attic. Krystal can clean the same attic in 18 hours. If they worked together how long would it take them?
- 2) Shreya can tar a roof in 12 hours. Aliyah can tar the same roof in 16 hours. Find how long it would take them if they worked together.
- 3) Castel can install a new deck in 18 hours. Jose can install the same deck in 12 hours. Find how long it would take them if they worked together.
- 4) Jill can pick forty bushels of apples in 12 hours. Maria can pick the same amount in 11 hours. If they worked together how long would it take them?
- 5) Working alone, Ryan can install a new deck in 11 hours. One day his friend Jose helped him and it only took 5.96 hours. How long would it take Jose to do it alone?
- 6) Working together, Kali and Danielle can tar a roof in 7.68 hours. Had she done it alone it would have taken Danielle 14 hours. Find how long it would take Kali to do it alone.
- 7) Mark can pick forty bushels of apples in 12 hours. Aliyah can pick the same amount in 13 hours. If they worked together how long would it take them?
- 8) Asanji can install a new deck in 11 hours. Ted can install the same deck in 16 hours. Find how long it would take them if they worked together.
- 9) Working together, Huong and Amanda can clean an attic in 4.95 hours. Had she done it alone it would have taken Amanda 9 hours. How long would it take Huong to do it alone?
- 10) Working alone, Eugene can tar a roof in 9 hours. Jose can tar the same roof in 12 hours. Find how long it would take them if they worked together.
- 11) It takes John nine hours to clean an attic. Adam can clean the same attic in 14 hours. How long would it take them if they worked together?
- 12) Working alone, Ryan can sweep a porch in 13 minutes. One day his friend James helped him and it only took 6.74 minutes. How long would it take James to do it alone?
- 13) Mei can pick forty bushels of apples in 10 hours. One day her friend Dan helped her and it only took 5.24 hours. How long would it take Dan to do it alone?
- 14) Stefan can pick forty bushels of apples in 11 hours. One day his friend Ted helped him and it only took 6.35 hours. How long would it take Ted to do it alone?



- 15) Working alone, it takes James 15 hours to harvest a field. Totsakan can harvest the same field in 12 hours. If they worked together how long would it take them?
- 16) Rob can clean an attic in 13 hours. One day his friend Imani helped him and it only took 7.37 hours. Find how long it would take Imani to do it alone.
- 17) Jaidee can harvest a field in 15 hours. One day her friend Cody helped her and it only took 7.97 hours. Find how long it would take Cody to do it alone.
- 18) Working together, Emily and Mike can tar a roof in 8.18 hours. Had he done it alone it would have taken Mike 18 hours. How long would it take Emily to do it alone?
- 19) Mike can mop a warehouse in ten hours. One day his friend Ashley helped him and it only took 4.74 hours. Find how long it would take Ashley to do it alone.
- 20) Working alone, Heather can harvest a field in 13 hours. One day her friend Paul helped her and it only took 7.55 hours. How long would it take Paul to do it alone?
- 21) Working together, Jacob and Danielle can pick forty bushels of apples in 5.65 hours. Had she done it alone it would have taken Danielle 10 hours. How long would it take Jacob to do it alone?
- 22) Working together, Nicole and Jessica can pick forty bushels of apples in 5.45 hours. Had she done it alone it would have taken Jessica 12 hours. Find how long it would take Nicole to do it alone.
- 23) Working together, Ryan and Bill can sweep a porch in 6.96 minutes. Had he done it alone it would have taken Bill 13 minutes. Find how long it would take Ryan to do it alone.
- 24) Working alone, it takes Shreya 15 hours to harvest a field. Amanda can harvest the same field in 14 hours. How long would it take them if they worked together?



Answers to Assignment (ID: 6)

1) 6.83 hours

2) 6.86 hours

3) 7.2 hours

4) 5.74 hours

5) 13.01 hours

6) 17.01 hours

7) 6.24 hours

8) 6.52 hours

9) 11 hours

10) 5.14 hours

11) 5.48 hours

12) 14 minutes

13) 11.01 hours

14) 15.02 hours

15) 6.67 hours

16) 17.02 hours

17) 17.01 hours

18) 14.99 hours

19) 9.01 hours

20) 18.01 hours

21) 12.99 hours

22) 9.98 hours

23) 14.98 minutes

24) 7.24 hours



Assignment

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

- 1) Working together, Kristin and Ted can sweep a porch in 5.83 minutes. Had he done it alone it would have taken Ted 14 minutes. How long would it take Kristin to do it alone?
- 2) It takes Ryan 15 weeks to build a home. Mofor can build the same home in 10 weeks. If they worked together how long would it take them?
- 3) Working alone, it takes Shawna 16 hours to harvest a field. Dan can harvest the same field in 14 hours. Find how long it would take them if they worked together.
- 4) Working together, Castel and Anjali can pick forty bushels of apples in 5.74 hours. Had she done it alone it would have taken Anjali 11 hours. Find how long it would take Castel to do it alone.
- 5) It takes Kathryn 14 hours to tar a roof. Ted can tar the same roof in 13 hours. If they worked together how long would it take them?
- 6) Elisa can tar a roof in 16 hours. Mei can tar the same roof in 13 hours. How long would it take them if they worked together?
- 7) Dan can sweep a porch in 13 minutes. Perry can sweep the same porch in 12 minutes. How long would it take them if they worked together?
- 8) Working alone, Krystal can mop a warehouse in 9 hours. Emily can mop the same warehouse in 11 hours. How long would it take them if they worked together?
- 9) Working alone, it takes Ming 11 hours to clean an attic. Matt can clean the same attic in 18 hours. If they worked together how long would it take them?
- 10) Working together, Adam and Mary can sweep a porch in 6.16 minutes. Had she done it alone it would have taken Mary 11 minutes. How long would it take Adam to do it alone?
- 11) Working together, Ming and Amanda can sweep a porch in 6.96 minutes. Had she done it alone it would have taken Amanda 15 minutes. How long would it take Ming to do it alone?
- 12) Working together, Jack and Kathryn can mop a warehouse in 5.24 hours. Had she done it alone it would have taken Kathryn 11 hours. Find how long it would take Jack to do it alone.
- 13) Working alone, DeShawn can clean an attic in 12 hours. One day his friend Scott helped him and it only took 6.67 hours. Find how long it would take Scott to do it alone.
- 14) It takes Jasmine 16 hours to harvest a field. Natalie can harvest the same field in 11 hours. If they worked together how long would it take them?



- 15) Working alone, Castel can harvest a field in 11 hours. One day his friend Adam helped him and it only took 6.35 hours. Find how long it would take Adam to do it alone.
- 16) It takes Bill 16 hours to clean an attic. Shreya can clean the same attic in 18 hours. How long would it take them if they worked together?
- 17) Working together, Norachai and Mei can mop a warehouse in 5.45 hours. Had she done it alone it would have taken Mei 12 hours. How long would it take Norachai to do it alone?
- 18) It takes Mark nine minutes to sweep a porch. Stefan can sweep the same porch in ten minutes. How long would it take them if they worked together?
- 19) Working together, Elisa and Scott can harvest a field in 8.74 hours. Had he done it alone it would have taken Scott 17 hours. How long would it take Elisa to do it alone?
- 20) Micaela can harvest a field in 12 hours. Amanda can harvest the same field in 18 hours. If they worked together how long would it take them?
- 21) Working together, Micaela and Ndiba can tar a roof in 7.74 hours. Had he done it alone it would have taken Ndiba 16 hours. Find how long it would take Micaela to do it alone.
- 22) Working alone, it takes Brenda nine minutes to sweep a porch. Dan can sweep the same porch in 15 minutes. How long would it take them if they worked together?
- 23) Working together, Alberto and Elisa can harvest a field in 7.37 hours. Had she done it alone it would have taken Elisa 13 hours. Find how long it would take Alberto to do it alone.
- 24) Working alone, it takes Ashley 15 hours to harvest a field. Ted can harvest the same field in 14 hours. If they worked together how long would it take them?



Answers to Assignment (ID: 7)

1) 9.99 minutes
5) 6.74 hours
9) 6.83 hours
13) 15.02 hours
17) 9.98 hours
21) 14.99 hours

2) 6 weeks
6) 7.17 hours
10) 14 minutes
14) 6.52 hours
18) 4.74 minutes
22) 5.63 minutes

3) 7.47 hours
7) 6.24 minutes
11) 12.99 minutes
15) 15.02 hours
19) 17.99 hours
23) 17.02 hours

4) 12 hours
8) 4.95 hours
12) 10.01 hours
16) 8.47 hours
20) 7.2 hours
24) 7.24 hours



Assignment

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

- 1) Emily can harvest a field in 9 hours. One day her friend Danielle helped her and it only took 5.48 hours. How long would it take Danielle to do it alone?
- 2) Working alone, it takes Mike 15 hours to pick forty bushels of apples. Totsakan can pick the same amount in 12 hours. Find how long it would take them if they worked together.
- 3) It takes Cody 12 hours to mop a warehouse. Kayla can mop the same warehouse in 10 hours. If they worked together how long would it take them?
- 4) Asanji can pick forty bushels of apples in 15 hours. Bill can pick the same amount in 14 hours. Find how long it would take them if they worked together.
- 5) Pranav can mop a warehouse in 11 hours. Julio can mop the same warehouse in 9 hours. If they worked together how long would it take them?
- 6) Working alone, Rob can harvest a field in 13 hours. One day his friend Kathryn helped him and it only took 7.17 hours. Find how long it would take Kathryn to do it alone.
- 7) Working alone, Darryl can tar a roof in 16 hours. One day his friend Molly helped him and it only took 8.24 hours. Find how long it would take Molly to do it alone.
- 8) Working alone, Ndiba can clean an attic in 14 hours. Norachai can clean the same attic in 16 hours. Find how long it would take them if they worked together.
- 9) Working alone, it takes Shawna 18 hours to harvest a field. Mofor can harvest the same field in 14 hours. If they worked together how long would it take them?
- 10) Bill can pick forty bushels of apples in 9 hours. One day his friend Willie helped him and it only took 5.63 hours. How long would it take Willie to do it alone?
- 11) Eduardo can clean an attic in 10 hours. One day his friend Alberto helped him and it only took 6.15 hours. How long would it take Alberto to do it alone?
- 12) Working together, Jimmy and Totsakan can oil the lanes in a bowling alley in 4.74 hours. Had he done it alone it would have taken Totsakan ten hours. Find how long it would take Jimmy to do it alone.
- 13) Working together, Kathryn and Kayla can mop a warehouse in 5.14 hours. Had she done it alone it would have taken Kayla 12 hours. How long would it take Kathryn to do it alone?
- 14) Imani can pick forty bushels of apples in 10 hours. Mofor can pick the same amount in 14 hours. If they worked together how long would it take them?



- 15) It takes Aliyah 18 hours to clean an attic. Shanice can clean the same attic in 17 hours. How long would it take them if they worked together?
- 16) Working alone, Molly can inflate twenty balloons in 13 minutes. Gabriella can inflate the same twenty balloons in 17 minutes. If they worked together how long would it take them?
- 17) Mike can tar a roof in 10 hours. One day his friend Julia helped him and it only took 6.3 hours. Find how long it would take Julia to do it alone.
- 18) Norachai can harvest a field in 13 hours. Trevon can harvest the same field in 12 hours. How long would it take them if they worked together?
- 19) Working together, Lea and Dan can sweep a porch in 5.32 minutes. Had he done it alone it would have taken Dan 13 minutes. Find how long it would take Lea to do it alone.
- 20) Dan can clean an attic in 12 hours. Adam can clean the same attic in 14 hours. How long would it take them if they worked together?
- 21) Working together, Molly and Shreya can clean an attic in 6.35 hours. Had she done it alone it would have taken Shreya 11 hours. How long would it take Molly to do it alone?
- 22) Jasmine can pick forty bushels of apples in 11 hours. Cody can pick the same amount in 13 hours. How long would it take them if they worked together?
- 23) Working alone, it takes Jaidee 14 minutes to sweep a porch. Willie can sweep the same porch in 13 minutes. If they worked together how long would it take them?
- 24) It takes Amy ten hours to pick forty bushels of apples. Jasmine can pick the same amount in 15 hours. If they worked together how long would it take them?



Answers to Assignment (ID: 8)

1) 14.01 hours

5) 4.95 hours

9) 7.88 hours

13) 8.99 hours

17) 17.03 hours

21) 15.02 hours

2) 6.67 hours

6) 15.99 hours

10) 15.04 hours

14) 5.83 hours

18) 6.24 hours

22) 5.96 hours

3) 5.45 hours

7) 16.99 hours

11) 15.97 hours

15) 8.74 hours

19) 9.01 minutes

23) 6.74 minutes

4) 7.24 hours

8) 7.47 hours

12) 9.01 hours

16) 7.37 minutes

20) 6.46 hours

24) 6 hours



Assignment

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

- 1) Working alone, Heather can clean an attic in 10 hours. Willie can clean the same attic in 16 hours. If they worked together how long would it take them?
- 2) Working together, Shreya and Abhasra can clean an attic in 6.46 hours. Had she done it alone it would have taken Abhasra 14 hours. Find how long it would take Shreya to do it alone.
- 3) Working alone, Jill can mop a warehouse in 11 hours. Chelsea can mop the same warehouse in 12 hours. Find how long it would take them if they worked together.
- 4) Adam can harvest a field in 9 hours. Jack can harvest the same field in 17 hours. If they worked together how long would it take them?
- 5) Working alone, it takes Totsakan 11 hours to pick forty bushels of apples. Joe can pick the same amount in 15 hours. How long would it take them if they worked together?
- 6) Working alone, it takes Jennifer 18 minutes to wash a car. Krystal can wash the same car in 13 minutes. How long would it take them if they worked together?
- 7) Carlos can pick forty bushels of apples in 12 hours. Jaidee can pick the same amount in 15 hours. Find how long it would take them if they worked together.
- 8) Jenny can harvest a field in 10 hours. One day her friend Jack helped her and it only took 5.65 hours. How long would it take Jack to do it alone?
- 9) Working alone, Totsakan can pick forty bushels of apples in 9 hours. Kayla can pick the same amount in 15 hours. Find how long it would take them if they worked together.
- 10) Working alone, it takes Stephanie ten hours to paint a fence. Jenny can paint the same fence in nine hours. If they worked together how long would it take them?
- 11) Wilbur can sweep a porch in 9 minutes. One day his friend Stephanie helped him and it only took 5.14 minutes. How long would it take Stephanie to do it alone?
- 12) Working together, Sarawong and Matt can mop a warehouse in 4.95 hours. Had he done it alone it would have taken Matt 9 hours. How long would it take Sarawong to do it alone?
- 13) Working together, Abhasra and Stefan can clean an attic in 6.83 hours. Had he done it alone it would have taken Stefan 11 hours. How long would it take Abhasra to do it alone?
- 14) Kristin can pick forty bushels of apples in 15 hours. Jenny can pick the same amount in 13 hours. If they worked together how long would it take them?



- 15) It takes Alberto 14 hours to clean an attic. Paul can clean the same attic in 18 hours. If they worked together how long would it take them?
- 16) Working alone, DeShawn can sweep a porch in 13 minutes. Mofor can sweep the same porch in 9 minutes. How long would it take them if they worked together?
- 17) Working alone, Paul can pick forty bushels of apples in 12 hours. One day his friend Trevon helped him and it only took 6.24 hours. How long would it take Trevon to do it alone?
- 18) Ashley can pick forty bushels of apples in 14 hours. Trevon can pick the same amount in 13 hours. How long would it take them if they worked together?
- 19) Working alone, it takes Adam 16 hours to clean an attic. Scott can clean the same attic in 11 hours. If they worked together how long would it take them?
- 20) It takes Pranav 15 minutes to wash a car. Julio can wash the same car in 10 minutes. How long would it take them if they worked together?
- 21) Working together, Darryl and Scott can sweep a porch in 6.16 minutes. Had he done it alone it would have taken Scott 11 minutes. Find how long it would take Darryl to do it alone.
- 22) It takes Stefan ten hours to pick forty bushels of apples. Danielle can pick the same amount in 12 hours. Find how long it would take them if they worked together.
- 23) It takes Ndiba 14 hours to pick forty bushels of apples. Elisa can pick the same amount in 15 hours. If they worked together how long would it take them?
- 24) Working together, Norachai and Ryan can tar a roof in 5.83 hours. Had he done it alone it would have taken Ryan 14 hours. Find how long it would take Norachai to do it alone.



Answers to Assignment (ID: 9)

1) 6.15 hours

5) 6.35 hours

9) 5.63 hours

13) 18.02 hours

17) 13 hours

21) 14 minutes

2) 11.99 hours

6) 7.55 minutes

10) 4.74 hours

14) 6.96 hours

18) 6.74 hours

22) 5.45 hours

3) 5.74 hours

7) 6.67 hours

11) 11.98 minutes

15) 7.88 hours

19) 6.52 hours

23) 7.24 hours

4) 5.88 hours

8) 12.99 hours

12) 11 hours

16) 5.32 minutes

20) 6 minutes

24) 9.99 hours



Assignment

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

- 1) It takes Eugene 15 minutes to wax a floor. Amy can wax the same floor in 10 minutes. If they worked together how long would it take them?
- 2) Working together, Totsakan and Emily can mop a warehouse in 5.74 hours. Had she done it alone it would have taken Emily 11 hours. Find how long it would take Totsakan to do it alone.
- 3) It takes Norachai 18 hours to clean an attic. Aliyah can clean the same attic in 17 hours. How long would it take them if they worked together?
- 4) Working alone, it takes Shreya 18 hours to tar a roof. Amy can tar the same roof in 10 hours. Find how long it would take them if they worked together.
- 5) Working together, Jimmy and Julio can mop a warehouse in 4.74 hours. Had he done it alone it would have taken Julio nine hours. Find how long it would take Jimmy to do it alone.
- 6) Working together, Sarawong and John can clean an attic in 6.52 hours. Had he done it alone it would have taken John 16 hours. Find how long it would take Sarawong to do it alone.
- 7) Working together, Gabriella and Jessica can pick forty bushels of apples in 6.24 hours. Had she done it alone it would have taken Jessica 12 hours. How long would it take Gabriella to do it alone?
- 8) Working alone, Alberto can harvest a field in 15 hours. One day his friend Ashley helped him and it only took 6.96 hours. Find how long it would take Ashley to do it alone.
- 9) Working alone, Kayla can wax a floor in 11 minutes. Willie can wax the same floor in 10 minutes. If they worked together how long would it take them?
- 10) Working alone, it takes James 11 minutes to sweep a porch. Jaidee can sweep the same porch in 15 minutes. Find how long it would take them if they worked together.
- 11) Working alone, Anjali can pick forty bushels of apples in 15 hours. One day her friend Ted helped her and it only took 7.24 hours. How long would it take Ted to do it alone?
- 12) Working alone, it takes Jaidee 14 hours to pick forty bushels of apples. Lisa can pick the same amount in 10 hours. If they worked together how long would it take them?
- 13) Working alone, it takes Shreya 17 hours to clean an attic. Elisa can clean the same attic in 14 hours. If they worked together how long would it take them?
- 14) Working alone, Willie can clean an attic in 13 hours. Shreya can clean the same attic in 16 hours. If they worked together how long would it take them?



- 15) Working together, Matt and John can harvest a field in 5.63 hours. Had he done it alone it would have taken John 15 hours. Find how long it would take Matt to do it alone.
- 17) Working alone, Carlos can harvest a field in 10 hours. One day his friend Bill helped him and it only took 6.3 hours. How long would it take Bill to do it alone?
- 19) Bill can pick forty bushels of apples in 9 hours. Ndiba can pick the same amount in 14 hours. Find how long it would take them if they worked together.
- 21) It takes Daniel ten minutes to sweep a porch. Kim can sweep the same porch in 13 minutes. How long would it take them if they worked together?
- 23) Working together, Stefan and Jill can harvest a field in 5.88 hours. Had she done it alone it would have taken Jill 9 hours. Find how long it would take Stefan to do it alone.
- 16) Lisa can harvest a field in 18 hours. Danielle can harvest the same field in 11 hours. Find how long it would take them if they worked together.
- 18) Working together, Jill and Brenda can pick forty bushels of apples in 4.95 hours. Had she done it alone it would have taken Brenda 9 hours. How long would it take Jill to do it alone?
- 20) Daniel can harvest a field in 18 hours. Cody can harvest the same field in 14 hours. How long would it take them if they worked together?
- 22) Working alone, it takes Shayna nine hours to mop a warehouse. Lisa can mop the same warehouse in 12 hours. How long would it take them if they worked together?
- 24) Working alone, it takes Shreya 11 hours to pick forty bushels of apples. Huong can pick the same amount in 13 hours. How long would it take them if they worked together?



Answers to Assignment (ID: 10)

- | | | | |
|------------------|------------------|-----------------|----------------|
| 1) 6 minutes | 2) 12 hours | 3) 8.74 hours | 4) 6.43 hours |
| 5) 10.01 hours | 6) 11 hours | 7) 13 hours | 8) 12.99 hours |
| 9) 5.24 minutes | 10) 6.35 minutes | 11) 13.99 hours | 12) 5.83 hours |
| 13) 7.68 hours | 14) 7.17 hours | 15) 9.01 hours | 16) 6.83 hours |
| 17) 17.03 hours | 18) 11 hours | 19) 5.48 hours | 20) 7.88 hours |
| 21) 5.65 minutes | 22) 5.14 hours | 23) 16.96 hours | 24) 5.96 hours |

