

Worksheet

05/11/2021

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Problem quickname: 3894

1)Quick:
3894

- a) In the dining room of Crowdicote inn are 37 tables with a total of 111 seats. On the terrace are 54 tables of the same type. How many seats are there on the terrace? Answer: There are 162 places. At each table three people can sit.
- b) In Jerrold Avenue, two identical houses stand side by side. The roof of the left house is covered by three roofers in 15 hours. How long need nine roofers for the right house? Answer: They need five hours. A roofer alone would need 45 hours.
- c) The residents of Hunter Street borrow a scarifier together to care for the lawn in order to save money. This year five residents participate and pay 7.60 Euro each. Last year there were 25 residents. How much did everyone pay back then? Answer: It was 1.52 Euro. The rent for the scarifier is 38 Euro.
- d) In the mobile tariff of Mrs. Morales you can talk 27 minutes for 2.97 Euro. How long can Mrs. Morales talk for 2.53 Euro? Answer: Mrs. Morales can talk 23 minutes. One minute costs 11 Cent.

2)Quick:
3894

- a) Kaylani and Tyson earn money during the holidays by picking strawberries. Kaylani has earned 84 Euro with 14 hours of work. How much money did Tyson earn with 104 hours of work in the field? Answer: Tyson has earned 624 Euro. One hour of work pays six Euro.
- b) The residents of Beeman Lane borrow a scarifier together to care for the lawn in order to save money. This year three residents participate and pay 23 Euro each. Last year there were 23 residents. How much did everyone pay back then? Answer: It was 3 Euro. The rent for the scarifier is 69 Euro.
- c) In the mobile tariff of Mrs. Barnett you can talk 26 minutes for 1.82 Euro. How long can Mrs. Barnett talk for 2.03 Euro? Answer: Mrs. Barnett can talk 29 minutes. One minute costs 7 Cent.
- d) Mrs. Cole is having her garden dug up. Two workers need 3 min 26 s to do this. One year later two more workers come to do the same amount of work again. How long will they take this time? Answer: They will take 1 min 43 s. A single worker would need 6 min 52 s.

3)Quick:
3894

- a) To print eleven pages with construction drawings a printer takes 1 min 28 s. How long does the printer need for 264 pages? Answer: It takes 35 min 12 s - the printer needs 8 s to print a page.
- b) In the juice factory a machine fills the juice into bottles. In 28 minutes, 2016 bottles are filled. How many bottles are filled in 19 minutes? Answer: They are 1368 bottles, as 72 bottles are filled per minute.
- c) The caretaker of the vocational school of Crucible must remove graffiti from the walls of the school every year. The cleaning of 913 square meters of wall costs 49302 Euro. Mr. Warren from the school in Whitegrove has to have 111 square meters cleaned. How much does he pay? Answer: Mr. Warren pays 54 Euro per square meter, in total this is 5994 Euro.
- d) In the dining room of Studholme inn are 28 tables with a total of 168 seats. On the terrace are 59 tables of the same type. How many seats are there on the terrace? Answer: There are 354 places. At each table six people can sit.

4)Quick:
3894

- a) After the carnival celebration in the community center of Warthen the carnival club has to mop the floor. On Saturday five helpers mop the first half of the hall. They need 1 hours. On Sunday, two helpers are coming. How long do they need for the other half of the hall? Answer: They need 2.5 hours. One person alone would need 5 hours.
- b) Construction company Brewer must mark a section of highway. The manager Mrs. Price thinks about how many marking machines she should use. Last year, the marking of an equally large section of highway with seven machines took 42 days. This year Mrs. Price has three machines available. How long will the work take? Answer: It will take 98 days. A single machine would take 294 days.
- c) The youth of Brixey's technical aid organization with 34 members would need 2.2 hours to clean the beach of Brixey from oil residues. The mayor Mr. Bell is considering to call Wapakoneta and ask for help. In total they would then be 44 helpers. How long would the cleanup take then? Answer: It would take 1.7 hours. A single person would need 74.8 hours.

Good Luck!