

Worksheet

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Problem quickname: 3894

1)Quick:
3894

- a) Mr. Carter goes to the cinema and buys a total of three tickets for the whole family. He pays 3 Euro. The man behind him in line pays 1 Euro. How many tickets did he buy? Answer: He bought one tickets. One ticket costs 1 Euro.
- b) Gloria and Bella earn money during the holidays by picking strawberries. Gloria has earned 1022 Euro with 73 hours of work. How much money did Bella earn with 28 hours of work in the field? Answer: Bella has earned 392 Euro. One hour of work pays 14 Euro.
- c) Mr. Reid and Mrs. Black are doing laundry on the campground today. Mr. Reid has nine washing machines to fill. He has to put a total of 32.67 Euro of change into the machine. How much money does Mrs. Black need for three laundry loadings? Answer: Mrs. Black must pay 10.89 Euro A wash load costs 3.63 Euro.
- d) In the juice factory a machine fills the juice into bottles. In 30 minutes, 1050 bottles are filled. How many bottles are filled in 20 minutes? Answer: They are 700 bottles, as 35 bottles are filled per minute.

2)Quick:
3894

- a) The two companies Rodriguez metal construction and Locksmith Phillips apply for a contract for bent metal parts. Rodriguez has three bending machines and would be finished with the order after 25 days. Locksmith Phillips has five Maschines. How long would it take? Answer: It needs 15 days. With a single machine the job would be done after 75 days.
- b) In Heyman Avenue, two identical houses stand side by side. The roof of the left house is covered by six roofers in six hours. How long need twelve roofers for the right house? Answer: They need three hours. A roofer alone would need 36 hours.
- c) The supercomputer of the secret service in Eaton has 37 simultaneously working processors and can decode a secret message in 4 min 35 s. The agency for confidential messages in Sandside has a computer with 55 processors. How long does it take there to decrypt the message? Answer: It takes 3 min 5 s. A single processor would need 2 h 49 min 35 s.

3)Quick:
3894

- a) The caretaker of the vocational school of Bowsden must remove graffiti from the walls of the school every year. The cleaning of 1229 square meters of wall costs

94633 Euro. Mr. Keller from the school in Bishopsgarth has to have 1000 square meters cleaned. How much does he pay? Answer: Mr. Keller pays 77 Euro per square meter, in total this is 77000 Euro.

- b) The residents of Annie Street borrow a scarifier together to care for the lawn in order to save money. This year ten residents participate and pay 2.20 Euro each. Last year there were 22 residents. How much did everyone pay back then?
Answer: It was 1 Euro. The rent for the scarifier is 22 Euro.
- c) The pool of family Matthews holds 6080 liters of water. It costs Mr. Matthews 11673.60 Euro to fill it one time. How much will Mrs. Adams pay to fill the pool of the neighboring family with a capacity of 8760 liters? Answer: Mrs. Adams will pay 16819.20 Euro. One liter of water costs 1.92 Euro.
- d) The Graham market research institute is commissioned with a telephone survey. All households in Sheppenhall are called and interviewed by telephone. For this, eleven employees need three hours. The survey is carried out again after half a year with 33 employees. How long does the survey take this time? Answer: It takes one hour. A single employee would need 33 hours to call all households of Sheppenhall.

4)

Quick:
3894

- a) The residents of Sunbeam Lane borrow a scarifier together to care for the lawn in order to save money. This year four residents participate and pay 17 Euro each. Last year there were 17 residents. How much did everyone pay back then?
Answer: It was 4 Euro. The rent for the scarifier is 68 Euro.
- b) Mr. Morrison is responsible for the tree population in the park of Martham. This also includes regular watering. 83 trees need 1162 litres of water per day. How much water does Mr. Mendez need for 29 trees in the zoo of Martham? Answer: Mr. Mendez needs 406 litres of water every day, as every tree needs 14 litres.
- c) Remi and Darius attend the same kindergarten. Remi eats lunch there on five days in the week, whereas Darius eats on two days. For a week, Remi pays 16.50 Euro. How much does Darius pay? Answer: Darius pays 6.60 Euro, which is 3.30 Euro a day.
- d) Construction company Ford must mark a section of highway. The manager Mr. Munoz thinks about how many marking machines he should use. Last year, the marking of an equally large section of highway with 19 machines took 13 days. This year Mr. Munoz has 13 machines available. How long will the work take?
Answer: It will take 19 days. A single machine would take 247 days.

Good Luck!