

# Worksheet

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Problem quickname: 3894

1)

- a) The caretaker of the vocational school of Harpsden must remove graffiti from the walls of the school every year. The cleaning of 875 square meters of wall costs 16625 Euro. Mrs. Hunt from the school in Basing has to have 654 square meters cleaned. How much does she pay? Answer: Mrs. Hunt pays 19 Euro per square meter, in total this is 12426 Euro.
- b) The residents of Florida Street borrow a scarifier together to care for the lawn in order to save money. This year two residents participate and pay 42.50 Euro each. Last year there were five residents. How much did everyone pay back then? Answer: It was 17 Euro. The rent for the scarifier is 85 Euro.
- c) Mr. Carlson paints the walls of his apartment. The walls of the dining room have an area of 41 square meters. Mr. Carlson gets paint for 74.62 Euro. For how much money does Mr. Carlson buy paint for the living room with a wall area of 70 square meters? Answer: To renovate the living room, Mr. Carlson pays 127.40 Euro for the paint. It costs 1.82 Euro to paint a square meter.
- d) Every morning the school children have to hurry to get to class on time. It takes Fletcher 1 min to run from the train station to school. He runs five km/h on average. Braelynn runs one km/h faster on average. How long does it take her? Answer: Braelynn needs 50 s, with an average speed of six km/h.

Quick:  
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- a) Leonard and Jorge attend the same kindergarten. Leonard eats lunch there on five days in the week, whereas Jorge eats on four days. For a week, Leonard pays 17.10 Euro. How much does Jorge pay? Answer: Jorge pays 13.68 Euro, which is 3.42 Euro a day.
- b) Mr. Bishop is responsible for the tree population in the park of Barkbeth. This also includes regular watering. 101 trees need 2727 litres of water per day. How much water does Mrs. Soto need for 78 trees in the zoo of Barkbeth? Answer: Mrs. Soto needs 2106 litres of water every day, as every tree needs 27 litres.
- c) In the dining room of Burmarsh inn are 34 tables with a total of 102 seats. On the terrace are 50 tables of the same type. How many seats are there on the terrace? Answer: There are 150 places. At each table three people can sit.
- d) To print 926 pages with construction drawings a printer takes 4 h 22 min 22 s. How long does the printer need for 713 pages? Answer: It takes 3 h 22 min 1 s - the printer needs 17 s to print a page.

Quick:  
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3)Quick:  
3894

- a) The youth of Basil's technical aid organization with 17 members would need 8.2 hours to clean the beach of Basil from oil residues. The mayor Mrs. Bell is considering to call Thanet and ask for help. In total they would then be 41 helpers. How long would the cleanup take then? Answer: It would take 3.4 hours. A single person would need 139.4 hours.
- b) After the carnival celebration in the community center of Cossington the carnival club has to mop the floor. On Saturday seven helpers mop the first half of the hall. They need 1.6 hours. On Sunday, 16 helpers are coming. How long do they need for the other half of the hall? Answer: They need 0.7 hours. One person alone would need 11.2 hours.
- c) The Garza market research institute is commissioned with a telephone survey. All households in Mandeville are called and interviewed by telephone. For this, 32 employees need two hours. The survey is carried out again after half a year with 16 employees. How long does the survey take this time? Answer: It takes four hours. A single employee would need 64 hours to call all households of Mandeville.

4)Quick:  
3894

- a) Mr. Bailey is having his garden dug up. One worker needs 6 min 3 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 2 min 1 s. A single worker would need 6 min 3 s.
- b) The youth of Masham's technical aid organization with ten members would need 7.3 hours to clean the beach of Masham from oil residues. The mayor Mr. Beck is considering to call Chetwynd and ask for help. In total they would then be 73 helpers. How long would the cleanup take then? Answer: It would take 1 hours. A single person would need 73 hours.
- c) Mr. Freeman buys ten meters of a curtain fabric that he found very beautiful at his neighbor's house. The neighbor paid 243.10 Euro for eleven meters of fabric. How much must Mr. Freeman pay? Answer: Mr. Freeman must pay 221 Euro. One meter of the cloth cost 22.10 Euro.
- d) Mr. Clark is responsible for the tree population in the park of Cordova. This also includes regular watering. 34 trees need 2414 litres of water per day. How much water does Mrs. Shaw need for 111 trees in the zoo of Cordova? Answer: Mrs. Shaw needs 7881 litres of water every day, as every tree needs 71 litres.

Good Luck!