

# Worksheet

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Problem quickname: 3894

1)

- a) Peyton and Zaid attend the same kindergarten. Peyton eats lunch there on six days in the week, whereas Zaid eats on five days. For a week, Peyton pays 13.20 Euro. How much does Zaid pay?
- b) A heavy goods vehicle consumes 608 litres of fuel for a distance of 152 km. What distance can it cover with a tank of 844 liters of fuel?
- c) In the juice factory a machine fills the juice into bottles. In ten minutes, 520 bottles are filled. How many bottles are filled in 16 minutes?
- d) Mrs. Lucas paints the walls of her apartment. The walls of the dining room have an area of 68 square meters. Mrs. Lucas gets paint for 75.48 Euro. For how much money does Mrs. Lucas buy paint for the living room with a wall area of 27 square meters?

2)

- a) Every morning the school children have to hurry to get to class on time. It takes Josue 16 s to run from the train station to school. He runs six km/h on average. Liana runs two km/h faster on average. How long does it take her?
- b) After the carnival celebration in the community center of Aldermoor the carnival club has to mop the floor. On Saturday nine helpers mop the first half of the hall. They need 1.3 hours. On Sunday, three helpers are coming. How long do they need for the other half of the hall?
- c) The youth of Frenchburg's technical aid organization with 15 members would need 6.3 hours to clean the beach of Frenchburg from oil residues. The mayor Mr. Jimenez is considering to call Polk and ask for help. In total they would then be 45 helpers. How long would the cleanup take then?

3)

- a) Skyler and Kenia earn money during the holidays by picking strawberries. Skyler has earned 1218 Euro with 87 hours of work. How much money did Kenia earn with 97 hours of work in the field?
- b) In the supermarket, Mr. Woods can buy nuts by weight. 100 grams of nuts cost 1.90 Euro. For Mr. Woods the scale displays 180 grams. How much does he pay?

- c) The Stewart market research institute is commissioned with a telephone survey. All households in Oaktown are called and interviewed by telephone. For this, 42 employees need one hour. The survey is carried out again after half a year with 14 employees. How long does the survey take this time?
- d) In Ivy Street, two identical houses stand side by side. The roof of the left house is covered by 13 roofers in two hours. How long need two roofers for the right house?

4)

- a) In Pinto Avenue, two identical houses stand side by side. The roof of the left house is covered by 22 roofers in one hours. How long needs one roofer for the right house?
- b) In the juice factory a machine fills the juice into bottles. In 46 minutes, 3634 bottles are filled. How many bottles are filled in 45 minutes?
- c) Construction company Harris must mark a section of highway. The manager Mrs. Schultz thinks about how many marking machines she should use. Last year, the marking of an equally large section of highway with two machines took 171 days. This year Mrs. Schultz has 18 machines available. How long will the work take?
- d) To print 198 pages with construction drawings a printer takes 9 min 54 s. How long does the printer need for 957 pages?

Good Luck!