Worksheet

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Problem quickname: 3894

<u>1)</u>

    a) In the mobile tariff of Mrs. Wells you can talk ten minutes for 90 Cent. How long can Mrs. Wells talk for 99 Cent?

    b) In Rincon Street, two identical houses stand side by side. The roof of the left house is covered by 13 roofers in six hours. How long need three roofers for the right house?

    c) The caretaker of the vocational school of Kirklees must remove graffiti from the walls of the school every year. The cleaning of 793 square meters of wall costs 34099 Euro. Mr. Watkins from the school in Parlin has to have 984 square meters cleaned. How much does he pay?

    d) Construction company Armstrong must mark a section of highway. The manager Mrs. Richardson thinks about how many marking machines she should use. Last year, the marking of an equally large section of highway with five machines took 30 days. This year Mrs. Richardson has 15 machines available. How long will the work take?

<u>2)</u>

    a) In the mobile tariff of Mr. Torres you can talk 20 minutes for 2 Euro. How long can Mr. Torres talk for 2.60 Euro?

    b) The supercomputer of the secret service in Lindhurst has 86 simultaneously working processors and can decode a secret message in 2 min 31 s. The agency for confidential messages in Isington has a computer with 43 processors. How long does it take there to decrypt the message?

    c) Julien and Mario earn money during the holidays by picking strawberries. Julien has earned 559 Euro with 43 hours of work. How much money did Mario earn with 30 hours of work in the field?

    d) Construction company Rodriguez must mark a section of highway. The manager Mrs. Delgado thinks about how many marking machines she should use. Last year, the marking of an equally large section of highway with nine machines took 17 days. This year Mrs. Delgado has 17 machines available. How long will the work take?

3)

    a) Anaya and Boone attend the same kindergarten. Anaya eats lunch there on three days in the week, whereas Boone eats on six days. For a week, Anaya pays 10.20 Euro. How much does Boone pay?

    b) To print 968 pages with construction drawings a printer takes 4 h 34 min 16 s. How long does the printer need for 967 pages?

    c) Mrs. Lynch buys apples at the supermarket. 75 apples cost 9 Euro. How much are six apples?

    d) Parker and Oaklyn earn money during the holidays by picking strawberries. Parker has earned 648 Euro with 72 hours of work. How much money did Oaklyn earn with 91 hours of work in the field?

4)

    a) Every morning the school children have to hurry to get to class on time. It takes Violet 27 s to run from the train station to school. She runs six km/h on average. Isabela runs three km/h faster on average. How long does it take her?

    b) The residents of Vienna Street borrow a scarifier together to care for the lawn in order to save money. This year ten residents participate and pay 8.20 Euro each. Last year there were 25 residents. How much did everyone pay back then?

    c) The supercomputer of the secret service in Grunsagill has 121 simultaneously working processors and can decode a secret message in 5 min 19 s. The agency for confidential messages in Rossiter has a computer with eleven processors. How long does it take there to decrypt the message?

Good Luck!