

# Worksheet

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Problem quickname: 8130

1)Quick:  
8130

- a) Mr. Johnson buys 17 meters of a curtain fabric that he found very beautiful at his neighbor's house. The neighbor paid 29.60 Euro for one meter of fabric. How much must Mr. Johnson pay? Answer: Mr. Johnson must pay 503.20 Euro. One meter of the cloth cost 29.60 Euro.
- b) Mr. Johnson and Mrs. Bennett are doing laundry on the campground today. Mr. Johnson has one washing machine to fill. He has to put a total of 1.50 Euro of change into the machine. How much money does Mrs. Bennett need for seven laundry loadings? Answer: Mrs. Bennett must pay 10.50 Euro A wash load costs 1.50 Euro.
- c) An excavator is making an excavation pit. In one minute, it loads 27 cubic meters of earth into a truck. How much earth can he move in 92 minutes? Answer: The excavator can excavate 27 cubic metres of earth per minute. In 92 minutes it is 2484 cubic meters.
- d) The caretaker of the vocational school of Monksilver must remove graffiti from the walls of the school every year. The cleaning of one square meter of wall costs 15 Euro. Mr. Weber from the school in Hartpury has to have 205 square meters cleaned. How much does he pay? Answer: Mr. Weber pays 15 Euro per square meter, in total this is 3075 Euro.

2)Quick:  
8130

- a) To print one page with construction drawings a printer takes 16 s. How long does the printer need for 864 pages? Answer: It takes 3 h 50 min 24 s - the printer needs 16 s to print a page.
- b) In order to finally become rich, Mrs. Mccoy emigrated to Alaska, where he washes gold out of the Klondike River. To get one gram of gold, she must sift through eight kilograms of sand. How many kilos of sand must Mrs. Mccoy wash to carry home 975 grams of gold? Answer: It's 7800 kilograms. For one gram of gold eight kilogram of sand must be sifted.
- c) Mr. Holland buys 19 meters of a curtain fabric that he found very beautiful at his neighbor's house. The neighbor paid 5 Euro for one meter of fabric. How much must Mr. Holland pay? Answer: Mr. Holland must pay 95 Euro. One meter of the cloth cost 5 Euro.

- d) The caretaker of the vocational school of Lagrangeville must remove graffiti from the walls of the school every year. The cleaning of one square meter of wall costs 56 Euro. Mr. Allen from the school in Enson has to have 261 square meters cleaned. How much does he pay? Answer: Mr. Allen pays 56 Euro per square meter, in total this is 14616 Euro.

3)

Quick:  
8130

- a) In order to finally become rich, Mrs. Crawford emigrated to Alaska, where he washes gold out of the Klondike River. To get one gram of gold, she must sift through three kilograms of sand. How many kilos of sand must Mrs. Crawford wash to carry home 579 grams of gold? Answer: It's 1737 kilograms. For one gram of gold three kilogram of sand must be sifted.
- b) Mr. Wade is responsible for the tree population in the park of Winforton. This also includes regular watering. One tree needs 51 litres of water per day. How much water does Mr. Montgomery need for 27 trees in the zoo of Winforton? Answer: Mr. Montgomery needs 1377 litres of water every day, as every tree needs 51 litres.
- c) Mrs. Bradley buys four meters of a curtain fabric that she found very beautiful at her neighbor's house. The neighbor paid 4.60 Euro for one meter of fabric. How much must Mrs. Bradley pay? Answer: Mrs. Bradley must pay 18.40 Euro. One meter of the cloth cost 4.60 Euro.
- d) In the juice factory a machine fills the juice into bottles. In one minute, 82 bottles are filled. How many bottles are filled in 25 minutes? Answer: They are 2050 bottles, as 82 bottles are filled per minute.

4)

Quick:  
8130

- a) In the dining room of Pinnockshill inn is one table with a total of four seats. On the terrace are 27 tables of the same type. How many seats are there on the terrace? Answer: There are 108 places. At each table four people can sit.
- b) An excavator is making an excavation pit. In one minute, it loads 25 cubic meters of earth into a truck. How much earth can he move in 46 minutes? Answer: The excavator can excavate 25 cubic metres of earth per minute. In 46 minutes it is 1150 cubic meters.
- c) Mr. Watkins goes to the cinema and buys one ticket. He pays 60 Cent. The man behind him in line pays 1.20 Euro. How many tickets did he buy? Answer: He bought two tickets. One ticket costs 60 Cent.
- d) Mrs. Butler is responsible for the tree population in the park of Varnell. This also includes regular watering. One tree needs 74 litres of water per day. How much water does Mr. James need for 16 trees in the zoo of Varnell? Answer: Mr. James needs 1184 litres of water every day, as every tree needs 74 litres.

Good Luck!