

Name: _____ Date: _____

Mrs van der Vossen

Math 10w

Section 2.2 Worksheet

1. Dennon is a used car salesman. He is paid a commission of 6% of his total sales each month. In one month, he sells 1 cars worth \$7009.00 each, 4 cars worth \$5009.00 each, 2 cars worth \$4849.00 each, and 2 cars worth \$3349.00. How much will he earn for the month?
2. Ricardo earns a commission on all the sales he makes for A+ Computers. If he makes sales totalling \$1450.00 one week and takes home \$170.00, what is his rate of commission?
3. Cole earns a commission on all paintings he sells for an art gallery. If he makes sales totalling \$14950.00 one week and takes home \$1070.00, what is his rate of commission?
4. Claude is a brick layer. He is paid \$9.00 for every full pallet of bricks that he lays in a day. He does not receive payment for any parts of pallets. A single pallet holds 20 bricks. If Claude lays 230 bricks in one day, how much will he earn?

5. Hugo assembles motherboards for a computer manufacturer. He is paid \$7.00/board he completes. If he completes 17 boards a day for 3 days, how much does he earn that week?

6. Jessica waits tables as a part-time job. She earns \$8.45/hour plus tips. She works 3 shifts, each 5 hours long, in one week. On average, her total sales were \$570.00 per night.

If all her customers left a 13% tip, how much did she earn that week?

Short Answer

1. Olga plants trees during the summer. Over one summer, she earns \$2194.72. If she planted 7568 trees, how much was she paid for each tree?

2. Belinda is a seamstress. She charges \$16.50 to hem pants, \$9.90 to alter a shirt, and \$33.00 for any alterations to suit jackets. How much will Belinda earn if she works on 14 pairs of pants, 6 shirts, and 3 suit jackets?

Problem

1. Marie picked 6 litres of strawberries and was paid \$36.36.

a) How much is she paid for each litre of berries she picks?

b) How much will she make if she picks 10.5 litres of strawberries?

2. Aidan is a roofing installer and he is writing a contract for a shingling a client's roof.

Aidan would like to make \$750.00 for the job. He estimates his costs to include \$350.00 for the shingles and \$11.50/hour for 3 workers. The job will take approximately 35 hours to complete.

How much should Aidan charge to ensure that he will meet his earnings goal?

3. Iona sells firewood. She pays her son \$17.25/cord to chop and stack the wood for delivery. She then sells the wood for \$52.00/cord.

a) How much does her son earn if he chops and stacks 15 cords of wood?

b) How much does Iona earn when she sells 15 cords wood?