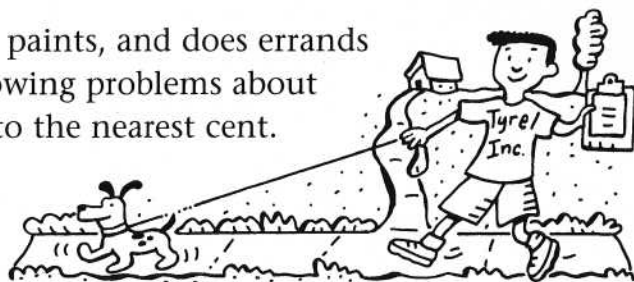


# Tyrel, Inc.

## Operations with Money

To earn money, Tyrel mows lawns, walks dogs, paints, and does errands for people in his neighborhood. Solve the following problems about Tyrel's work. If necessary, round your answers to the nearest cent.



- 1** Tyrel walks Mrs. Murray's dog each day for \$10 per week. How much does he earn each day for walking the dog?
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- 2** Tyrel estimates that he can average \$6.20 per hour throughout the week on all the jobs he does. Last week he worked  $18\frac{3}{4}$  hours. If his estimate was correct, how much did he earn last week?
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If he worked a total of  $84\frac{1}{2}$  hours last month and averaged \$6.20 per hour, how much did he earn?

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- 3** With his earnings, Tyrel plans to buy an entertainment center for his room. The model he selected costs \$804.44 (including tax). Last week, Tyrel earned an average of \$7.28 per hour. At that rate, how many hours will he have to work to be able to buy the entertainment center?
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- 4** Tyrel mowed three lawns this past week. For the first, he earned \$7.50, for the second he earned \$9.25, and for the third he earned \$12.50. If he spent a total of 4.5 hours working on these lawns, how much did he earn per hour?
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- 5** Over the summer, Tyrel earned \$965 mowing lawns. Unfortunately, this was not all profit. A tune-up for the mower at the beginning of the year cost \$89.35, gasoline during the summer cost \$75.98, and his mower broke down and cost \$159.63 to repair. How much profit did Tyrel earn on his lawn-mowing service?
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- 6** Tyrel saves a fifth of his earnings each week. Last week his earnings were \$124. How much did he save?
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- 7** Mr. Padillo asked Tyrel to paint the interior of his garage. Tyrel estimated that it would take him 5 hours to paint the garage. He told Mr. Padillo his fee would be \$6.75 per hour, and that Mr. Padillo would have to buy the paint and materials. Four gallons of paint would be needed at a cost of \$12.95 per gallon, and other materials would cost an additional \$19.63. Mr. Padillo countered that he would prefer to pay Tyrel a flat fee of \$100, but that Tyrel would then have to pay for the paint and materials. Which is the better deal for Tyrel? Explain your answer on the back of this page.