

Quiz on Ratios and Rates

THIS QUIZ IS NOT FOR MARKS

The reason I am giving you this quiz is to see how well Ms. Zhou and I have helped you learn about ratios and rates. When I look at it, I will be looking for two things:

1. How well you are able to communicate your knowledge about ratios and rates, and,
2. Whether you are able to arrive at answers that make sense.

What this means is that if you just write answers down without explaining them, I will assume that you have not learned how to solve problems with ratios and rates very well. Being successful in Math class is all about being able to communicate your reasoning. Remember this as you do the quiz.

I won't keep track of the marks on the quiz, but I will look to see how everyone is doing so I can figure out who needs some extra help from me when I get back. If you are having some troubles with ratios and rates, the worst thing you can do is copy answers from someone else, because then I won't help you understand them better and you'll never learn it. Please work on your own and be honest about what you know and don't know.

1. Explain in words the difference between a "part to whole" ratio and a "part to part" ratio.

2. Mr. McLellan is riding his unicycle up a ramp. Every time he pedals forward 8 metres, he gets one metre higher off the ground. Draw a picture to represent this situation, and then figure out how far off the ground he will be if he pedals forward 96 metres.

