

## 7.RP.1: Worksheet

1. Ayesha can run half a kilometer in  $3\frac{1}{2}$  minutes. What's her unit rate?
2. What's an equivalent unit rate to eating 5 burgers in  $\frac{1}{3}$  of a minute?
3. When he really puts his mind to it, Teddy can watch  $\frac{4}{3}$  commercials in  $\frac{1}{6}$  of an hour. How many could he watch in an hour?
4. A recipe calls for  $\frac{1}{2}$  cup of sugar and  $\frac{3}{4}$  cup of flour. If you've got 3 cups of flour and you want to adjust the recipe so you use it all, how much sugar do you need?
5. Josie is the world's fastest electric guitar player. If she can hit 8 different notes in half a second, how many notes can she play in a minute?
6. The track at Bronwyn's school is  $\frac{1}{4}$  mile around. If she can do 3 laps in  $4\frac{1}{2}$  minutes, how fast is she running in miles per hour?
7. If Emeril can grill  $\frac{6}{7}$  of a steak in  $\frac{3}{14}$  of an hour, how many steaks can he grill in a full hour?
8. Jo just gassed up her jet ski at the harbor gas station. If she paid \$10.25 for  $\frac{5}{2}$  gallons of gas, what are the harbor's gas prices right now in dollars per gallon?
9. A Boeing 747 can cruise the skies at 570 mph. How far can it fly in  $\frac{9}{8}$  hours?
10. Let's say you finished all 10 of these worksheet problems in  $6\frac{2}{3}$  minutes. What was your unit rate?