

Name: _____

Date _____

Topic : Metric/English Conversions and Rates - Worksheet 1

Do the following:

1. A cold medication indicates that an adult should take a sugar 30 ounce per dose. An adult patient has a small medicine cup labeled in milligrams. How many milligrams should he take for a correct dosage?
2. A photocopier takes 2 minutes to duplicate 240 pages. Express the rate at which the copier duplicates, in pages per second.
3. Andy ran a distance of 4 km in 1 hour. Calculate his speed in miles per hour.
4. Mark drives a bus at 50 km/h. what is the speed of the truck in ft/hr?
5. A Truck travels 50 meters per hour. How many inches does it travel in an hour?
6. Mary is recovering from surgery. The doctor told her to lift no more than 50 pounds for the next 2 weeks. How many maximum ounces can Mary lift?
7. 80 feet of wire is needed for a circuit. A 60 meter roll of wire is to be used. How much wire is left over
8. Mark can type 120 characters per minute. How many characters can he type in 10 seconds?
9. If Pat drove 500 kilometers at a rate of 40 kilometers per hour, find the number of hours Pat traveled.
10. A car uses 100 gallons of gasoline to travel 400 kilometers. How far (in miles) can the car travel on 10 gallons of gasoline?



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Topic : Metric/English Conversions and Rates - Worksheet 2

Do the following:

1. A cold medication indicates that an adult should take a sugar 50 ounce per dose. An adult patient has a small medicine cup labeled in milligrams. How many milligrams should he take for a correct dosage?
2. A photocopier takes 5 minutes to duplicate 250 pages. Express the rate at which the copier duplicates, in pages per second.
3. Andy ran a distance of 5 km in 1 hour. Calculate his speed in miles per hour.
4. Mark drives a bus at 60 km/h. what is the speed of the truck in ft/hr?
5. A Truck travels 60 meters per hour. How many inches does it travel in an hour?
6. Mary is recovering from surgery. The doctor told her to lift no more than 80 pounds for the next 2 weeks. How many maximum ounces can Mary lift?
7. 100 feet of wire is needed for a circuit. A 60 meter roll of wire is to be used. How much wire is left over?
8. Mark can type 130 characters per minute. How many characters can he type in 39 seconds?
9. If Pat drove 240 kilometers at a rate of 30 kilometers per hour, find the number of hours Pat traveled.
10. A car uses 50 gallons of gasoline to travel 500 kilometers. How far (in miles) can the car travel on 20 gallons of gasoline?



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Topic : Metric/English Conversions and Rates - Worksheet 3

Do the following:

1. A cold medication indicates that an adult should take a sugar 75 ounce per dose. An adult patient has a small medicine cup labeled in milligrams. How many milligrams should he take for a correct dosage?
2. A photocopier takes 10 minutes to duplicate 200 pages. Express the rate at which the copier duplicates, in pages per second.
3. Andy ran a distance of 15 km in 2 hour. Calculate his speed in miles per hour.
4. Mark drives a bus at 60 km/h. What is the speed of the truck in inches/hr?
5. A Truck travels 250 meters per hour. How many feet does it travel in an hour?
6. Mary is recovering from surgery. The doctor told her to lift no more than 600 ounces for the next 2 weeks. How many maximum kilograms can Mary lift?
7. 50 inches of wire is needed for a circuit. A 3 meter roll of wire is to be used. How much wire is left over?
8. Mark can type 210 characters 3 hour. How many characters can he type in 7 hours?
9. If Pat drove 560 kilometers at a rate of 80 kilometers per hour, find the number of hours Pat traveled.
10. A car uses 30 gallons of gasoline to travel 180 kilometers. How far (in miles) can the car travel on 60 gallons of gasoline?



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Topic : Metric/English Conversions and Rates - Worksheet 4

Do the following:

1. A cold medication indicates that an adult should take a sugar 100 grams per dose. An adult patient has a small medicine cup labeled in pounds. How many pounds should he take for a correct dosage?
2. A photocopier takes 15 minutes to duplicate 450 pages. Express the rate at which the copier duplicates, in pages per sec.
3. Andrew ran a distance of 30 km in 2 hour. Calculate his speed in miles per hour.
4. Mark drives a bus at 180 km/h. What is the speed of the truck in feet/hr?
5. A Truck travels 700 meters per hour. How many miles does it travel in an hour?
6. Mary is recovering from surgery. The doctor told her to lift no more than 400 ounces for the next 2 weeks. How many maximum kilograms can Mary lift?
7. 50 feet of wire is needed for a circuit. A 3 meter roll of wire is to be used. How much wire is left over?
8. Mark can type 270 characters 3 hour. How many characters can he type in 9 hours?
9. If Pat drove 400 kilometers at a rate of 80 kilometers per hour, find the number of hours Pat traveled.
10. A car uses 50 gallons of gasoline to travel 150 kilometers. How far (in miles) can the car travel on 70 gallons of gasoline?



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Topic : Metric/English Conversions and Rates - Worksheet 5

Do the following:

1. A cold medication indicates that an adult should take a sugar 75 pounds per dose. An adult patient has a small medicine cup labeled in ounce. How many ounce should he take for a correct dosage?
2. A photocopier takes 60 minutes to duplicate 480 pages. Express the rate at which the copier duplicates, in pages per min.
3. George ran a distance of 50 km in 5 hour. Calculate his speed in meters per hour.
4. James drives a carat 200 km/hr. what is the speed of the truck in miles/hr?
5. A Truck travels 500 kilometers per hour. How many miles does it travel in an hour?
6. Mary is recovering from surgery. The doctor told her to lift no more than 800 ounces for the next 2 weeks. How many maximum kilograms can Mary lift?
7. 10 feet of wire is needed for a circuit. A 3 meter roll of wire is to be used. How much wire is left over?
8. Mark can type 150 characters 3 hour. How many characters can he type in 9 hours?
9. If Pat drove 800 kilometers at a rate of 40 kilometers per hour, find the number of hours Pat traveled.
10. A car uses 25 gallons of gasoline to travel 750 kilometers. How far (in miles) can the car travel on 50 gallons of gasoline?

