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| ESK 1Conversions and Measurement |
| 1. Mike rides his motorcycle 51 miles in 3/4 hour. What is his average speed in miles per hour? Convert this speed to meters/second.
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| 1. How many miles will a car travel if it is going 45 miles/hour for 1.5 hours? How many meters will you have left if you need to drive 200 miles?
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| 1. Lauren was training for a marathon and ran a total of 120 kilometers in one week.  How many meters did she run?  If she can run 8 miles/hour how long did she run for each day?

3.  |
| 1. A person goes to the doctor and will need a 3 month prescription of medicine. The person will be required to take 3 pills per day. How many pills will the doctor write the prescription for assuming there are 30 days in a month?
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| 1. John rode 7.5 kilometers on his bike. His sister Sally rode for 1.5 hours at 2 m/s on her bike. Who rode the farthest and how much farther did they ride (answer in km)?
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| 1. How many miles can you run in 45 minutes if you run at 1.5 meters/second?
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| 1. How long will it take to drive 50 miles if you are driving at 15 meters/second?
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| 1. Walt grew 2 centimeters every month. He is now 1.6 m tall. How many years did it take him to get that tall?
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| 1. How far will a car go in 93 minutes if it is traveling at a rate of 62 mi/hr?
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| 1. Peter is overweight. He is 105 kg. His aim is to lose 500 g per week. If he manages this, how many days will it be until he is 90 kg?
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| 1. A student runs 2.6 meters/sec.  How many minutes will it take the student to run 2 miles?
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| 1. Ashley is going on a trip to London. She has saved $100.00 in spending money. When she arrives in England, she goes to a bank to change her money into pounds. She is told that the exchange rate is 1 British pound = 1.43 American dollars. The bank charges a fee of 4 pounds to change the money from dollars to pounds. How much money, in British pounds, will Ashley have if she changes all of her dollars to pounds?
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| 1. What is the average speed of an object, which moves 10 kilometers (km) in 30 minutes? Write your answer in miles/hour.
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| 1. A peach weighs 65 grams. If you buy 14 peaches and they sell for $5.50 per kilogram, how much will they cost?
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