Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_

AMDM Tire Ratio Homework

1. Fill in the missing information for each tire size. Then use the information in the table to answer the question.

(1 in = 2.54cm)

|  |  |  |
| --- | --- | --- |
| Tire | P175/65R 15 (factory-installed) | P195/65R 15 |
| Width (mm) |  |  |
| Aspect Ratio |  |  |
| Height (in) |  |  |
| Diameter (in) |  |  |
| Circumference (in) |  |  |

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2. If the odometer reading is 40,000 miles on your car, how many miles have you actually traveled onI your replacement tire?

3. If the speedometer reading is 70 mph on your car, how fast are you actually travelling?

4. Fill in the missing information for each tire size. Then use the information in the table to answer the question.

(1 in = 2.54cm)

|  |  |  |
| --- | --- | --- |
| Tire | P245/60R 16 (factory-installed) | P285/70R 16 |
| Width (mm) |  |  |
| Aspect Ratio |  |  |
| Height (in) |  |  |
| Diameter (in) |  |  |
| Circumference (in) |  |  |

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2. If the odometer reading is 30,000 miles on your car, how many miles have you actually traveled on your replacement tire?

3. If the speedometer reading is 60 mph on your car, how fast are you actually travelling?