Speed

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| 12.8 m/s | 1. A car in front of the school goes 30.0 m in 2.35 seconds. What is its **speed**? |
| 0.15 s | 2. What **time** will it take a car going 88 f/s to go 13 feet? |
| 68 f/s | 3. My tercel can go 92 f in about 1.35 seconds. What is its **speed**? |
| 46 mph | 4. What is the **speed** of my Tercel from problem 3 in miles/hour? |
| 78 feet | 5. A glacier moves at a rate of 5.6 feet/day. What **distance** does it go in two weeks? |
| 49 mph | 6. A trucker goes 345 miles in 7.0 hours. What is her **speed**? |
| 12240 mi 6.5 x 107 f | 7. A space shuttle moves at 3.4 miles/second. What **distance** does it go in one hour? How many feet? |
| 0.36 s | 8. A car moving 44 feet/second takes what **time** to travel 16 feet? |
| 93 km/h | 9. What **speed** must you average to go 280 km in 3.0 hours? |
| 9.6 s | 10. A river current moves at 3.2 miles/hour. How many **seconds** will it take you to drift 45 feet? (Convert to feet/second first) |
| 66 f/s | 11. Convert 45 miles/hour to Feet/second |
| 17 m/s | 12. Convert 60 km/hour to m/s |
| 24 m/s | 13. Convert 80 feet/second to m/s |
| 12 m/s | 14. A car in front of the school travels 15 feet in .38 seconds. What is its speed in m/s? |
| 6075 mph | 15. A satellite travels at 5.4 miles in 3.2 seconds. What is its speed in miles/hour? |