



## Speed - Distance and Time to Speed - Changed Time Units

|   |                   |  |   |                    |  |
|---|-------------------|--|---|--------------------|--|
| <b>1</b><br><br>A bacteria moves 35cm in 7d. How fast is this in cm/hr? | A<br>0.21 cm/hr   | B<br>0.6 cm/hr   | <b>2</b><br><br>A bacteria moves 24cm in 8hr. How fast is this in cm/min? | A<br>0.4 cm/min    |  |
|   | C<br>5,880 cm/hr  | D<br>0.4 cm/hr   |   | B<br>0.6 cm/min    |  |
|   |                   |  |   | C<br>11,520 cm/min |  |
|   |                   |  |   | D<br>0.05 cm/min   |  |
| <b>3</b><br><br>A horse trots 21m in 7s. How fast is this in m/min?     | A<br>1,800 m/min  | <b>4</b><br><br>A horse trots 15km in 5hr. How fast is this in km/d? |   |                    |  |
|   | B<br>2.5 m/min    | A<br>72 km/d   | B<br>3.1 km/d   |                    |  |
|   | C<br>18,000 m/min | C<br>7.2 km/d  | D<br>7,200 km/d   |                    |  |
|   | D<br>180 m/min    |  |   |                    |  |
| <b>5</b><br><br>A bacteria moves 28cm in 7d. How fast is this in cm/hr? | A<br>0.9 cm/hr    | B<br>0.17 cm/hr  | <b>6</b><br><br>A bug crawls 40cm in 8min. How fast is this in cm/hr?     |                    |  |
|   | C<br>0.5 cm/hr    | D<br>4,704 cm/hr   | A<br>30 cm/hr   |                    |  |
|   |                   |  | B<br>5.3 cm/hr  |                    |  |
|   |                   |  | C<br>30,000 cm/hr   |                    |  |
|   |                   |  | D<br>300 cm/hr  |                    |  |
| <b>7</b><br><br>A car drives 14km in 7min. How fast is this in km/s?    | A<br>0.6 km/s     | B<br>0.033 km/s  | <b>8</b><br><br>A bacteria moves 21mm in 7d. How fast is this in mm/hr?   |                    |  |
|   | C<br>1 km/s       | D<br>5,880 km/s  | A<br>3,528 mm/hr  | B<br>0.2 mm/hr     |  |
|   |                   |  | C<br>0.6 mm/hr  | D<br>0.125 mm/hr   |  |
|   |                   |  |   |                    |  |