



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

|  |                       |               |  |                       |                  |
|--|-----------------------|---------------|--|-----------------------|------------------|
| <b>1</b><br><br>A horse trots at 50km/d and goes 350km. How many hr does it take?    | A<br>1.7 hr           |               | <b>2</b><br><br>A spaceship flies at 30m/ms and goes 150m. How many s does it take?  | A<br>0 s              |                  |
|  | B<br>0.1 hr           |               |  | B<br>0.5 s            |                  |
|  | C<br>168 hr           |               |  | C<br>45,000,000,000 s |                  |
|  | D<br>729,166,666.7 hr |               |  | D<br>0.005 s          |                  |
| <b>3</b><br><br>A bug crawls at 30m/hr and goes 120m. How many d does it take?       | A<br>0 d              |               | <b>4</b><br><br>A bug crawls at 20mm/min and goes 140mm. How many s does it take?    | A<br>4.2 s            | B<br>1,260,000 s |
|  | B<br>864,000,000 d    |               |  | C<br>0 s              | D<br>420 s       |
|  | C<br>0.167 d          |               |  |                       |                  |
|  | D<br>0.6 d            |               |  |                       |                  |
| <b>5</b><br><br>A bacteria moves at 50mm/d and goes 400mm. How many hr does it take? | A<br>1.9 hr           | B<br>921.6 hr | <b>6</b><br><br>A bacteria moves at 40mm/d and goes 280mm. How many hr does it take? | A<br>100,800 hr       | B<br>0 hr        |
|  | C<br>192 hr           | D<br>8.3 hr   |  | C<br>168 hr           | D<br>1.7 hr      |
|  |                       |               |  |                       |                  |
|  |                       |               |  |                       |                  |
| <b>7</b><br><br>A plane flies at 40cm/ms and goes 200cm. How many s does it take?    | A<br>0.005 s          | B<br>0 s      | <b>8</b><br><br>A bug crawls at 20mm/s and goes 120mm. How many min does it take?    | A<br>0.7 min          | B<br>0.144 min   |
|  | C<br>800 s            | D<br>0.7 s    |  | C<br>0.083 min        | D<br>0.1 min     |
|  |                       |               |  |                       |                  |
|  |                       |               |  |                       |                  |