Time

Perform the following conversions. Show the work as demonstrated in class.

Use the following conversion factors:
1 min = 60 s; 1 hr = 60 min; 1 day = 24 hr; 1 week = 7 day; 1 yr = 52 week; 1 yr = 12 mo;
1 decade = 10 yr; 1 century = 100 yr; 7 ducks = 13 min; 19 cows = 29 hr; 3 pigs = 7 cows

1. Convert 30 minutes to hours
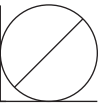
2. Convert 4001 seconds to hours

3. Convert 234 hours to days

4. Convert 345 hours to seconds

5. Convert 0.00876 months to seconds

6. Convert 0.0468 weeks to minutes

7. Convert 23.89 E4 seconds to years

Time

8. Convert 47.2 cows to days

9. Convert 0.00471 minutes to ducks

10. Convert 50621 pigs to centuries

11. Convert 1.80 minutes per part to parts per hour

12. Convert 6.253 hours per rotation to rotations per month

13. Convert 35 revolutions per minute to seconds per revolution

14. If it takes 1.73 hours to make a widget, how many hours would you have to work per week if you wanted to make 32 widgets every week?