```
mysql> select * from pet;
  name
            owner
                    species sex
                                    birth
                                                 death
 Fluffy
                              f
            Harold
                    cat
                                     1993-02-04
                                                 NULL
 Claws
                                    1994-03-17
                                                 NULL
            Gwen
                    cat
                              m
  Buffy
            Harold | dog
                             f
                                    1989-05-13 | NULL
  Fang
            Benny
                    dog
                                    1990-08-27
                                                 NULL
                             m
  Bowser
            Diane
                   dog
                                    1979-08-31 | 1995-07-29
                             m
                             f
 Chirpy
            Gwen
                   bird
                                    1998-09-11 | NULL
                   bird
 Whistler |
            Gwen
                             NULL
                                    1997-12-09 | NULL
 Slim
            Benny
                   snake
                                    1996-04-29
                                                 NULL
                              m
 Puffball
                   | hamster | f
            Diane
                                    1999-03-30 | NULL
9 rows in set (0.00 sec)
mysql> DELETE FROM pet where name='Puffball';
Query OK, 1 row affected (0.01 sec)
mysql> select * from pet;
                                    birth
 name
           owner
                    species sex
                                                death
 Fluffy
            Harold
                    cat
                              f
                                     1993-02-04
                                                 NULL
 Claws
            Gwen
                    cat
                                    1994-03-17 | NULL
                              m
  Buffy
            Harold | dog
                             f
                                    1989-05-13 | NULL
  Fang
            Benny
                    dog
                             m
                                    1990-08-27
                                                 NULL
  Bowser
            Diane
                                    1979-08-31 | 1995-07-29
                    dog
                             m
                             f
                    bird
  Chirpy
            Gwen
                                    1998-09-11 | NULL
 Whistler
                    bird
                             NULL
                                    1997-12-09 | NULL
            Gwen
            Benny
                   snake
                                    1996-04-29 | NULL
8 rows in set (0.00 sec)
mysql> 🛓
```

A)

```
mysql> DELETE FROM pet where name='Puffball';
Query OK, 1 row affected (0.01 sec)
mysql> select * from pet;
                   species sex
                                   birth
                                                 death
 name
            owner
 Fluffy
            Harold
                             f
                                                 NULL
                    cat
                                    1993-02-04
 Claws
           Gwen
                    cat
                                    1994-03-17 | NULL
                              m
 Buffy
            Harold
                              f
                                                 NULL
                    dog
                                    1989-05-13
 Fang
            Benny
                    dog
                                    1990-08-27
                                                 NULL
                              m
 Bowser
           Diane
                   dog
                              m
                                    1979-08-31
                                                1995-07-29
 Chirpy
            Gwen
                    bird
                             f
                                    1998-09-11 | NULL
 Whistler
           Gwen
                    bird
                            NULL
                                    1997-12-09 | NULL
 Slim
            Benny
                   snake
                              m
                                    1996-04-29 | NULL
8 rows in set (0.00 sec)
mysql> UPDATE pet SET birth = '1989-08-31' WHERE name = 'Bowser';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> select * from pet;
                    species sex
                                   birth
                                                 death
            owner
 Fluffy
                              f
            Harold
                    cat
                                    1993-02-04
                                                 NULL
 Claws
           Gwen
                    cat
                              m
                                    1994-03-17 | NULL
 Buffy
           Harold | dog
                             f
                                    1989-05-13 | NULL
 Fang
           Benny dog
                                    1990-08-27 | NULL
                             m
 Bowser
          Diane
                   dog
                                    1989-08-31
                                                1995-07-29
                              m
                              f
 Chirpy
                    bird
                                    1998-09-11
                                                 NULL
           Gwen
 Whistler
            Gwen
                    bird
                              NULL
                                    1997-12-09
                                                 NULL
 Slim
            Benny
                   snake
                                    1996-04-29
                                                 NULL
                              m
8 rows in set (0.00 sec)
```

B) mysql> _

```
mysql> select * from pet;
 name
           owner
                  | species | sex
                                  birth
                                                death
 Fluffy
           Harold
                             f
                                    1993-02-04
                                                NULL
                    cat
 Claws
                   cat
           Gwen
                             m
                                    1994-03-17
                                                NULL
 Buffy
           Harold | dog
                             f
                                    1989-05-13
                                                NULL
            Benny
 Fang
                  dog
                                    1990-08-27
                                                NULL
                             m
 Bowser
           Diane
                                    1989-08-31
                                                1995-07-29
                  dog
                             m
 Chirpy
          Gwen
                   bird
                            f
                                    1998-09-11 | NULL
 Whistler
                   bird
                             NULL
                                    1997-12-09
                                                NULL
            Gwen
 Slim
                                    1996-04-29 | NULL
           Benny
                  snake
8 rows in set (0.00 sec)
mysql> UPDATE pet SET death = '2000-09-15' WHERE name = 'Chirpy';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> select * from pet;
                   species sex
                                               death
 name
           owner
 Fluffy
           Harold
                             f
                    cat
                                    1993-02-04
                                                NULL
 Claws
           Gwen
                    cat
                                    1994-03-17
                                                NULL
                             m
 Buffy
           Harold dog
                             f
                                    1989-05-13
                                                NULL
 Fang
           Benny dog
                                    1990-08-27
                                                NULL
                             m
                                                1995-07-29
 Bowser
           Diane
                    dog
                                    1989-08-31
                             m
 Chirpy
                   bird
                             f
           Gwen
                                    1998-09-11
                                                2000-09-15
 Whistler
                   bird
                             NULL
                                    1997-12-09
                                                NULL
           Gwen
 Slim
           Benny
                                   1996-04-29 | NULL
                  snake
                            m
8 rows in set (0.00 sec)
```

mysql> 🛓

C)

```
mysql> SELECT * FROM PET WHERE BIRTH = '1990-X-X';
  ERROR 1525 (HY000): Incorrect DATE value: '1990-X-X'
  mysql> SELECT * FROM PET WHERE BIRTH >= '1990-1-1';
               owner
                        species sex
                                        birth
                                                    death
    Fluffy
              Harold
                       cat
                                        1993-02-04
                                                     NULL
    Claws
             Gwen
                       cat
                                       1994-03-17 | NULL
    Fang
             Benny
                       dog
                                m
                                        1990-08-27 | NULL
                      bird
                                f
    Chirpy
             Gwen
                                        1998-09-11 | 2000-09-15
    Whistler | Gwen
                      bird
                                NULL
                                       1997-12-09 | NULL
    Slim
             Benny
                      snake
                                        1996-04-29 | NULL
                                m
  6 rows in set (0.00 sec)
D)
  mysql> SELECT * FROM PET WHERE SEX = 'm' AND SPECIES = 'dog';
    name
            owner | species | sex
                                    birth
                                                  death
   Fang
            Benny
                    dog
                              m
                                     1990-08-27
                                                  NULL
    Bowser | Diane | dog
                                     1989-08-31
                                                  1995-07-29
                              m
  2 rows in set (0.00 sec)
E)
  mysql> SELECT name FROM PET WHERE species = 'dog' AND sex = 'm';
    name
    Fang
    Bowser
  2 rows in set (0.00 sec)
F)
  mysql> SELECT name, owner FROM PET WHERE species = 'dog' AND sex = 'm';
    name
           owner
   Fang
            Benny
    Bowser | Diane
  2 rows in set (0.00 sec)
```