1. Convert:

   a.  0.45 into a fraction:

   b.  $\frac{3}{5}$ into a decimal:

   c.  $\frac{1}{20}$ into a percent:

2. Use the graph below to answer each question:

   a)  The number of minivans sold in 2002

   b)  The number of SUVs sold in 2005

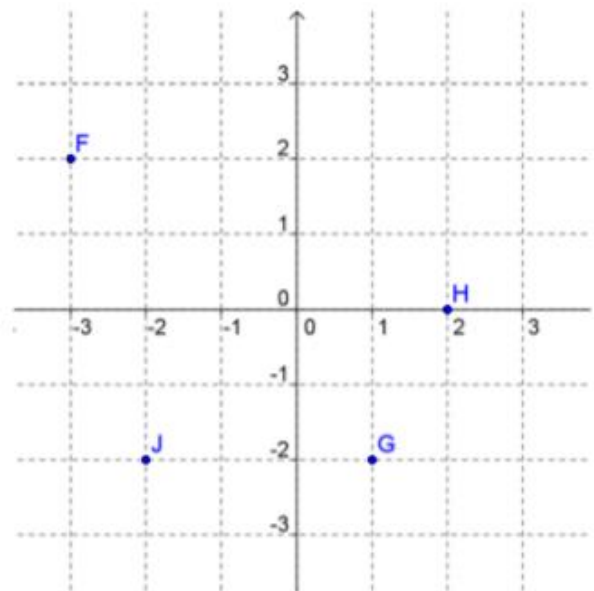   c)  When were the sales of the minivans and SUVs equal? How many were sold of each that year?



SALES OF MINIVANS AND SUVs
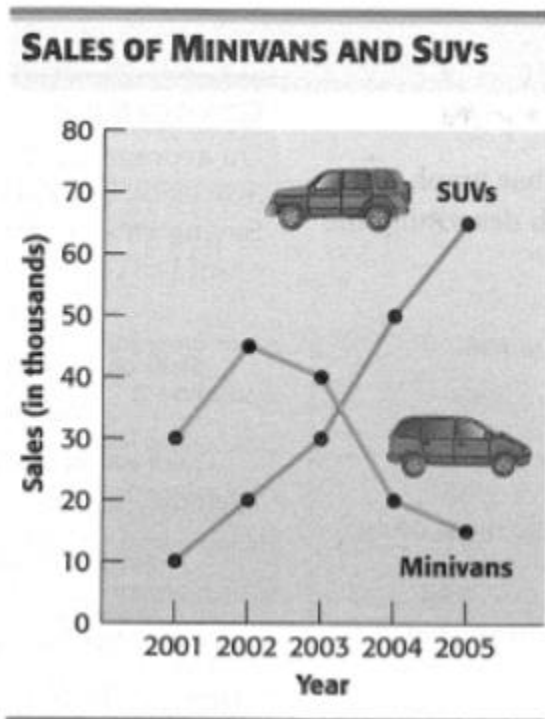
3. Simplify by using the distributive property and combining like terms:

| $-(d-9)$ | $4r-9r+8y-3y$ |
|---|---|
| $-5y+3(y-6)$ | $-2(r+8)-3(6-r)$ |

5.  Write the coordinates of each point:

   F ( , )          G ( , )

   H ( , )          J ( , )



6. Solve the equation:
$$4(2a+3) = -3(a-1)+31$$

7. Simplify the radical expression:

$$\sqrt{22}$$

9. Simplify the radical expression:

$$\sqrt{88}$$

8. Simplify the radical expression:

$$\sqrt{340}$$

10. Simplify the radical expression:

$$\sqrt{145}$$