Directions: Read about the disorder, then read the question and finally fill in the Punnett Square to enable you to answer the question that was asked.

Sickle cell disease is an inherited, sex-linked recessive disorder in which red blood cells are in the shape of a sickle, therefore these cells are not able to carry oxygen like a normal shaped red blood cell.

	X	X
X	X X	X X
Y	X Y	X Y

If a female carrier for the sickle cell disorder falls in love with a man who does not have sickle cell, what are the chances of having a baby with sickle cell?

KEY

S = does not have sickle cell
s = has sickle cell

LIVEWORKSHEETS