Equation of a Line
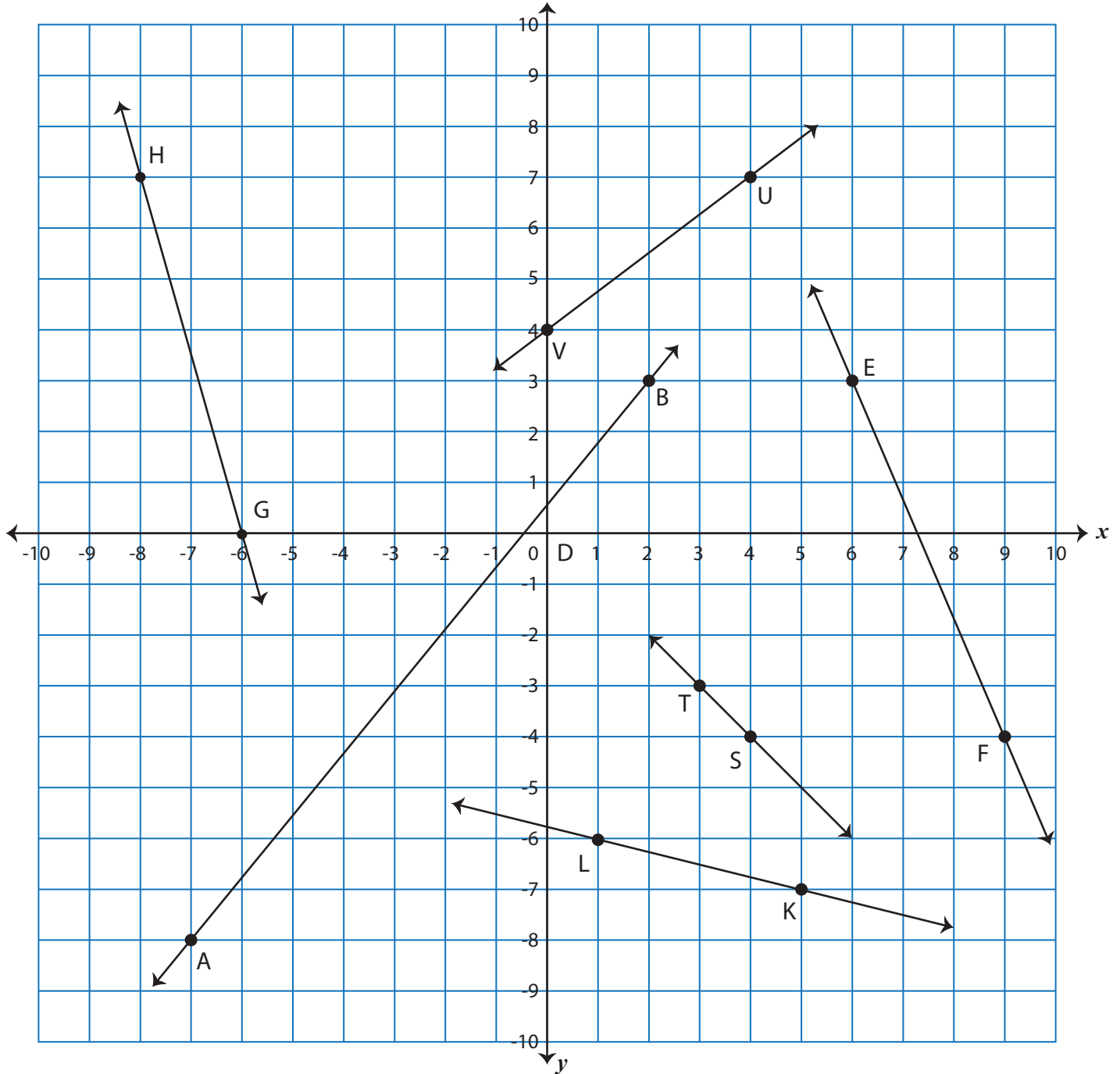
Write the equation of each line which passes through the points. Express the equation in standard form.

a) Equation of $\overleftrightarrow{KL}$ = _____

b) Equation of $\overleftrightarrow{ST}$ = _____

c) Equation of $\overleftrightarrow{AB}$ = _____

d) Equation of $\overleftrightarrow{EF}$ = _____

e) Equation of $\overleftrightarrow{GH}$ = _____

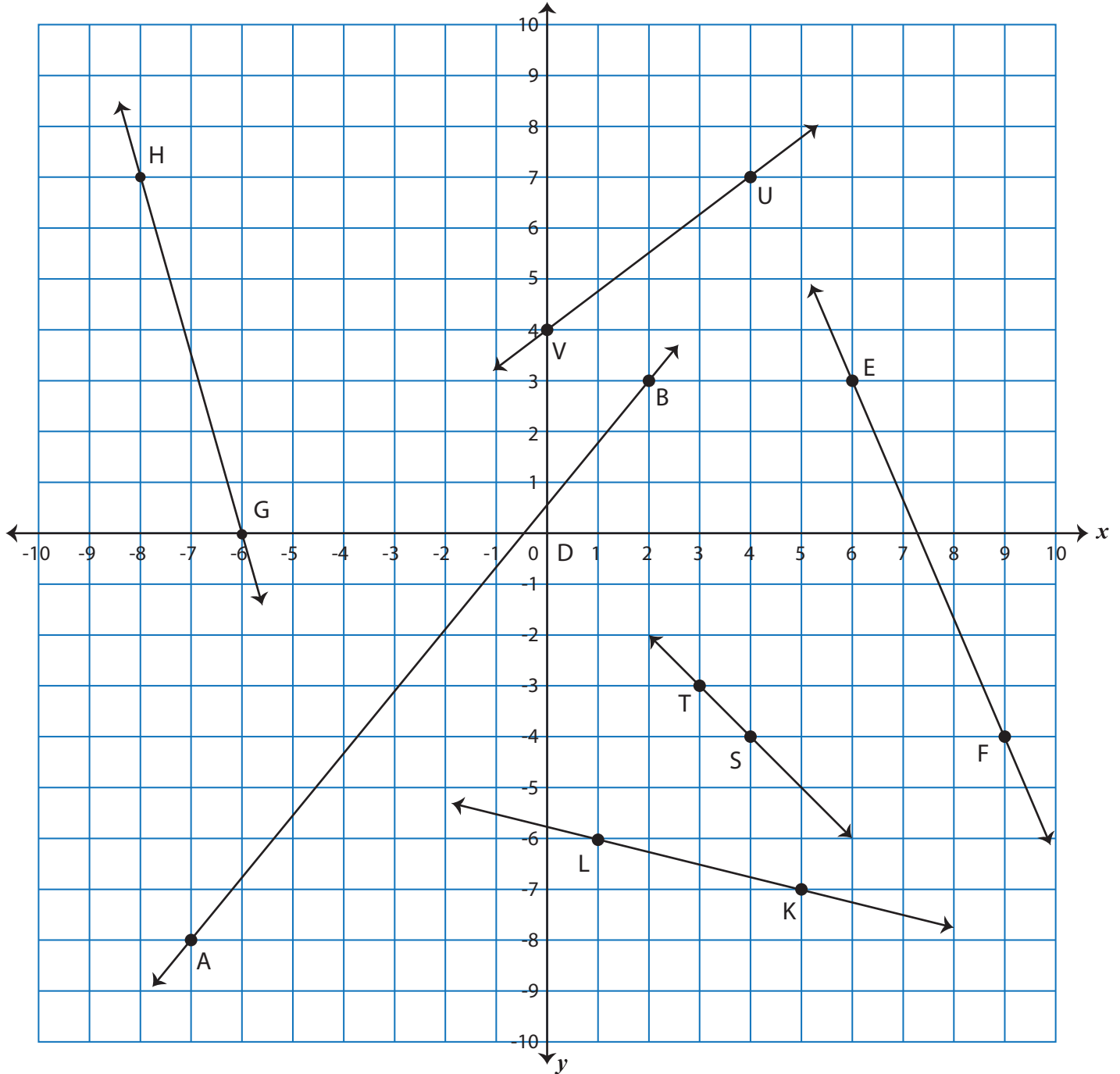f) Equation of $\overleftrightarrow{UV}$ = _____

Equation of a Line

Answer key

Write the equation of each line which passes through the points. Express the equation in standard form.

a) Equation of $\overleftrightarrow{KL}$ = __**x + 4y = −23**__

b) Equation of $\overleftrightarrow{ST}$ = __**x + y = 0**__

c) Equation of $\overrightarrow{AB}$ = __**11x − 9y = −5**__

d) Equation of $\overleftrightarrow{EF}$ = __**7x + 3y = 51**__

e) Equation of $\overleftrightarrow{GH}$ = __**7x + 2y = −42**__

f) Equation of $\overleftrightarrow{UV}$ = __**3x − 4y = −16**__