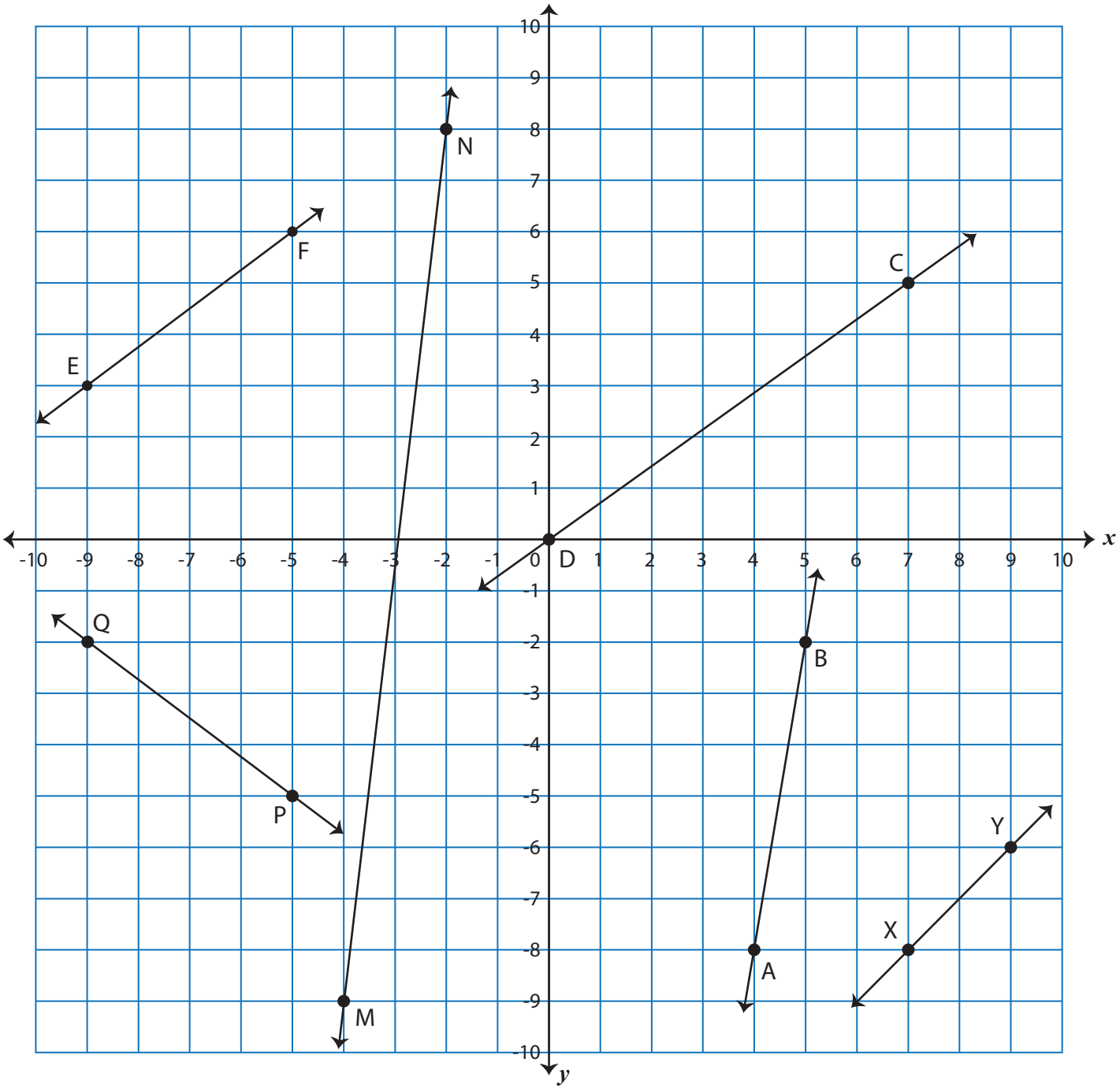
Equation of a Line

Name _____

Score _____

TP:13

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



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

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

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

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

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

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

Equation of a Line

Name _____

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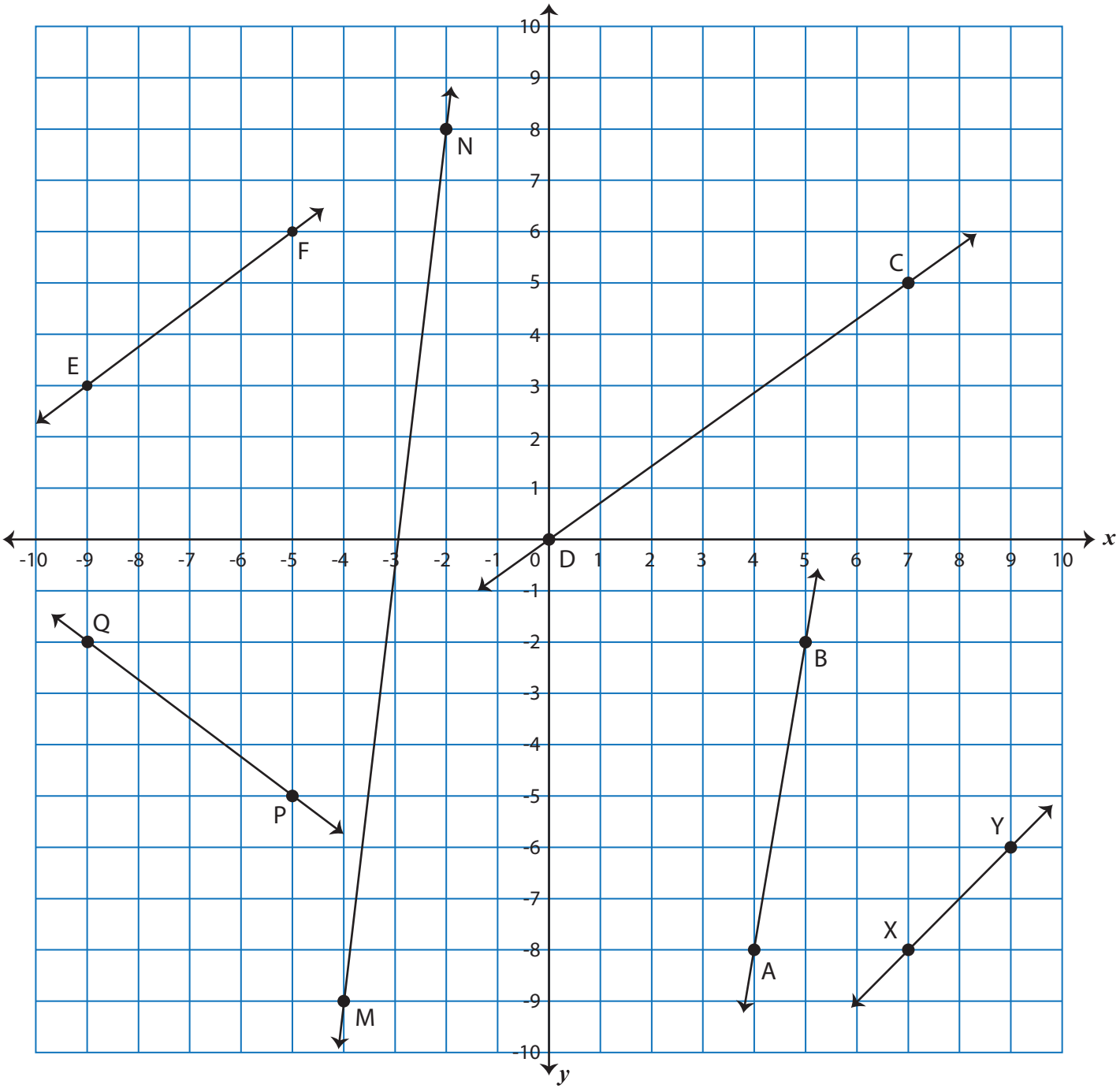
Answer key

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



a) Equation of $\overleftrightarrow{AB}$ = **6x – y = 32**

b) Equation of $\overleftrightarrow{XY}$ = **x – y = 15**

c) Equation of $\overleftrightarrow{PQ}$ = **3x + 4y = –35**

d) Equation of $\overleftrightarrow{CD}$ = **5x – 7y = 0**

e) Equation of $\overleftrightarrow{EF}$ = **3x – 4y = –39**

f) Equation of $\overleftrightarrow{MN}$ = **17x – 2y = –50**