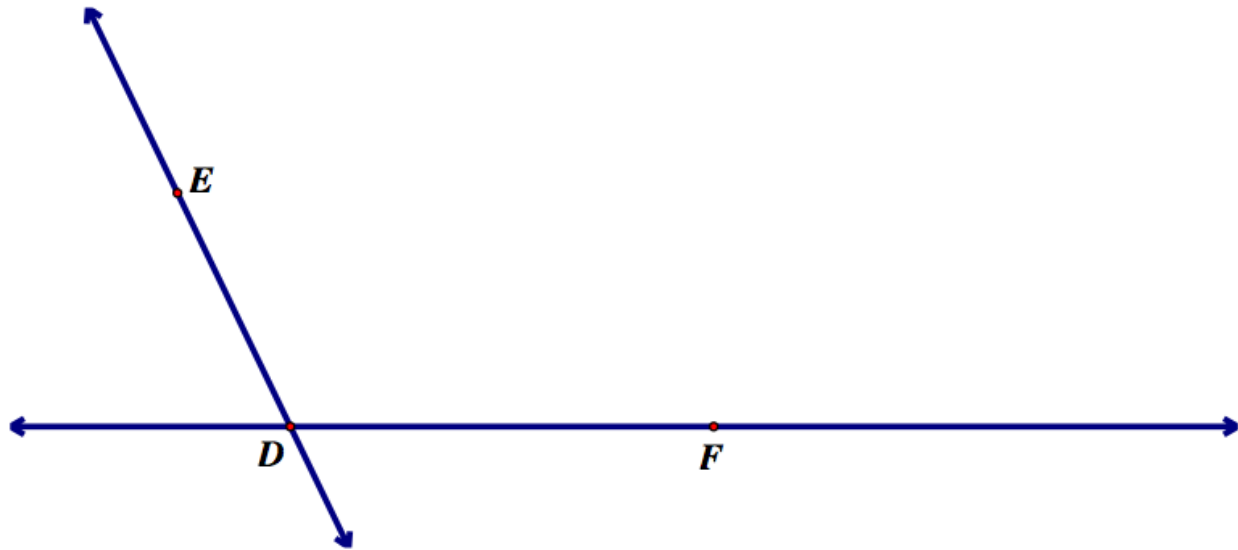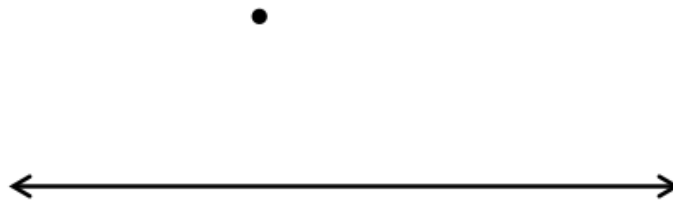**17.3 Constructions – Parallel Line through a Point (G.CO.12)**

1. Construct a parallel line to $\overleftrightarrow{DE}$ through point F.
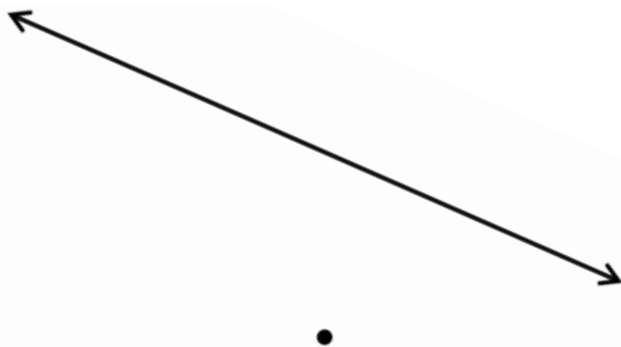
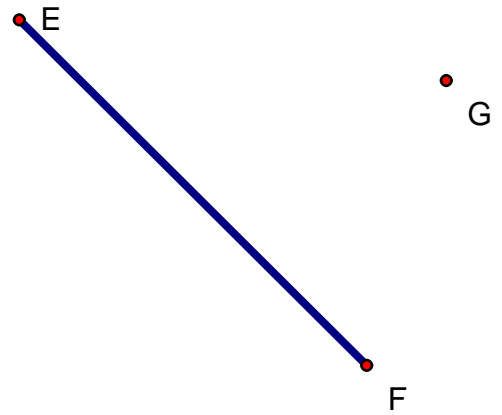**Construct a line parallel to the given line and through the given point.**

2.

3.

4.

H

A ———————————— B

5.

E

G

F

6.

I.   Construct a line parallel to $\overline{AB}$ through Q, and another line parallel to $\overline{CD}$ through Q.
II. What is the name of the resulting 4-sided shape?
   a. Square
   b. Rectangle
   c. Rhombus
   d. Parallelogram
   e. Trapezoid

D

. Q

A ———————————— B

C