Refer to the number line.

M   J
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

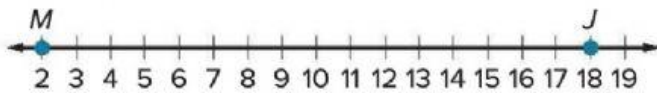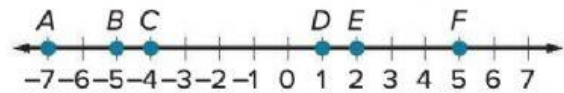**1** Find the coordinate of point B that is $\frac{1}{4}$ of the distance from M to J.

2 Find the coordinate of point C that is $\frac{7}{8}$ of the distance from M to J.

3 Find the coordinate of point D that is $\frac{7}{16}$ of the distance from M to J.

Refer to the number line.

A   B C   D E   F
-7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7

4 Find the coordinate of point G that is $\frac{2}{3}$ of the distance from B to D.

5 Find the coordinate of point H that is $\frac{1}{5}$ of the distance from C to F.

6 Find the coordinate of point J that is $\frac{1}{6}$ of the distance from A to E.