

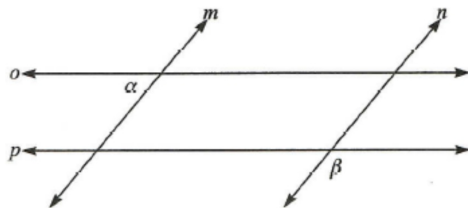
26. If, for all x , $(x^{7a-2})^3 = x^{57}$, then $a = ?$

- F. 2
- G. 3
- H. $\frac{31}{5}$
- J. $\frac{51}{21}$
- K. 57

27. If 3 times a number n is added to 9, the result is negative. Which of the following gives the possible value(s) for n ?

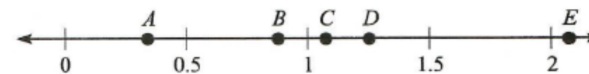
- A. -3 only
- B. 0 only
- C. 6 only
- D. all $n < -3$
- E. all $n > -3$

32. In the figure below, lines m and n are parallel, lines o and p are parallel, and the measure of angle α is 40° . What is the measure of angle β ?



- F. 40°
- G. 50°
- H. 110°
- J. 140°
- K. 180°

34. Among the points graphed on the number line below, which is the closest to $1\frac{3}{4}$?



- F. A
- G. B
- H. C
- J. D
- K. E