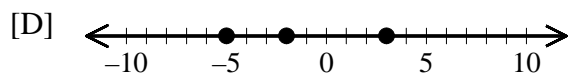
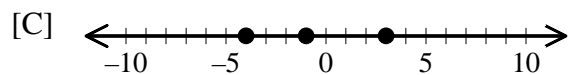
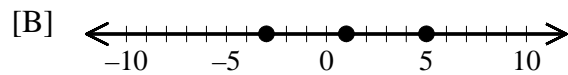
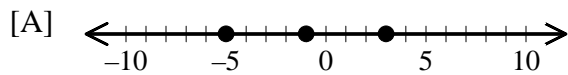


Scrap paper is available but write your final solution clearly in the space provided

1. Write 82% as a decimal.

2. Which of the following number lines shows the graph of 3, -1, and -5?



3. Write each ratio in simplest form.

- a) $\frac{25}{45}$ b) $\frac{24}{18}$ c) $\frac{12}{90}$ d) 57:19

4. Simplify. a) $-3 + (-4)^2$

b) $(2)^3 - 5$

c) $-3^2 \times 4$

d) $(-2)^3 - (-1)$

e) $-2 + (-3)^2 \times 2$

f) $(-4)(4 - 5)^2 - (-2)^2$

5. Subtract $5x^3 - 4x^2 + 4x - 2$ from $3x^3 + 5x^2 + 2$.

[A] $-2x^3 - 9x^2 - 4x$

[B] $-2x^3 + 9x^2 - 4x + 4$

[C] $-2x^3 - 9x^2 + 4x + 4$

[D] $2x^3 - 9x^2 + 4x$

6. If $\frac{18}{8}$, $\frac{10}{3}$, $\frac{10}{4}$, and $\frac{24}{7}$ were placed in order from least to greatest, which would be first?

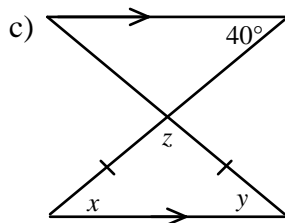
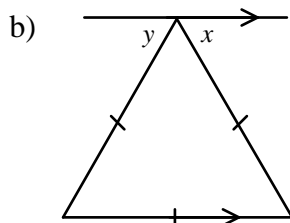
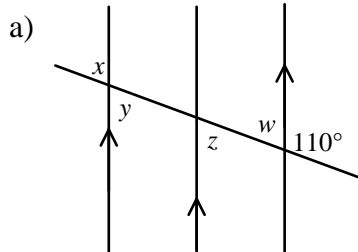
[A] $\frac{18}{8}$

[B] $\frac{10}{3}$

[C] $\frac{10}{4}$

[D] $\frac{24}{7}$

7. Find the measure of each indicated angle.



8. Estimate, then multiply. $9 \times 3\frac{1}{3} \times \frac{3}{4}$

[A] $1\frac{1}{24}$

[B] $22\frac{1}{2}$

[C] $18\frac{3}{4}$

[D] $2\frac{7}{8}$