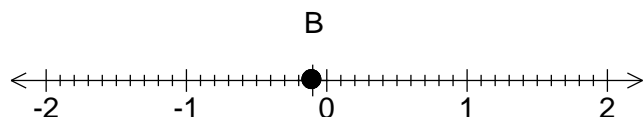


Part 1: Multiple Choice. 7 marks

____ / 31 = ____ %

Place the letter of the correct response in the space provided on the right.

1. What is the rational number represented by letter B. 1. _____



- A) -1.1 B) 0.1 C) -0.1 D) 1.1

2. Which number is a not a rational number? 2. _____

- A)
- $\sqrt{16}$
- B)
- π
- C) -5 D) 2

3. What number is equivalent to
- $\frac{-2}{3}$
- ? 3. _____

- A)
- $\frac{2}{3}$
- B)
- $\frac{-3}{6}$
- C)
- $\frac{-4}{-6}$
- D)
- $\frac{-4}{6}$

4. Evaluate:
- $\frac{-2}{5} + \left(\frac{3}{5}\right)$
4. _____

- A)
- $\frac{1}{10}$
- B)
- $\frac{1}{5}$
- C)
- $\frac{-1}{5}$
- D)
- $\frac{-6}{25}$

5. Evaluate:
- $2.35 + (-1.65)$
5. _____

- A) 0.70 B) 0.80 C) -0.07 D) 4

6. What is the difference:
- $\frac{-4}{5} - \left(\frac{-7}{10}\right)$
- ? 6. _____

- A)
- $\frac{-3}{2}$
- B)
- $\frac{3}{10}$
- C)
- $\frac{-1}{10}$
- D)
- $\frac{3}{2}$

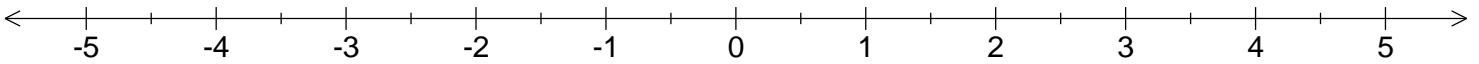
7. What is the product
- $\frac{1}{4} \times \left(\frac{-3}{5}\right)$
- ? 7. _____

- A)
- $\frac{-3}{20}$
- B)
- $\frac{-2}{9}$
- C)
- $\frac{3}{20}$
- D)
- $\frac{-7}{20}$

Part 2: Long Answer Questions. 24 marks**Answer ALL questions in the space provided. Show ALL working to receive FULL credit.**

1. Place and label these rational numbers on the number line below: (5 marks)

$$-4.124, \frac{-3}{4}, 3\frac{1}{2}, \frac{-11}{8}, 0.\bar{9}$$



2. Find 3 rational number between $\frac{-1}{4}$ and $\frac{1}{4}$. Put in fractional form. (A number line may help.) (3 marks)

3. Fill the circle with a greater than or less than symbol to make the statement true? (2 marks)

A) -5.25 $\frac{-17}{3}$

B) $2.\bar{3}$ 2.3

3. Evaluate:

A) $\frac{11}{9} + \left(-\frac{17}{6}\right)$ (2 marks)

B) $3\frac{4}{5} - \left(-6\frac{9}{10}\right)$ (3 marks)

4. Evaluate:

A) $\left(1\frac{3}{5}\right)\left(-2\frac{1}{2}\right)$ (2 marks)

B) $\left(\frac{-5}{12}\right) \div \left(\frac{-25}{4}\right)$ (2 marks)

5. Evaluate:

A) $(-0.2 + 0.9)^2 + 9.8 \div (-0.7)$ (2 marks)

B) $\frac{5}{6} \times \left(\frac{-2}{3} + \frac{8}{3} \right)^2 - \frac{5}{12}$ (4 marks)