

# FRACTION ARCHITECTS

UNIT FINAL EXAM: NC EOG MOCK ASSESSMENT

NAME: \_\_\_\_\_

1. What fraction of the rectangle is shaded?



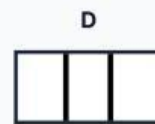
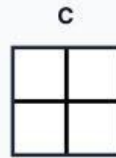
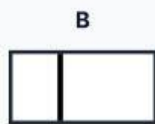
A.  $\frac{2}{4}$

B.  $\frac{2}{2}$

C.  $\frac{4}{2}$

D.  $\frac{2}{6}$

2. Which shape is NOT partitioned into equal parts?



A

B

C

D

3. Which part of a fraction tells the total number of equal parts in the whole?

A. Numerator

B. Division line

C. Denominator

D. Unit fraction

4. An architect divides a wall into 4 equal parts. He paints 1 part blue. Which fraction represents the part he painted blue?

*Architect's Design Workspace*

A.  $1/1$

B.  $4/1$

C.  $1/4$

D.  $4/4$

5. What fraction is located at the point on the number line?



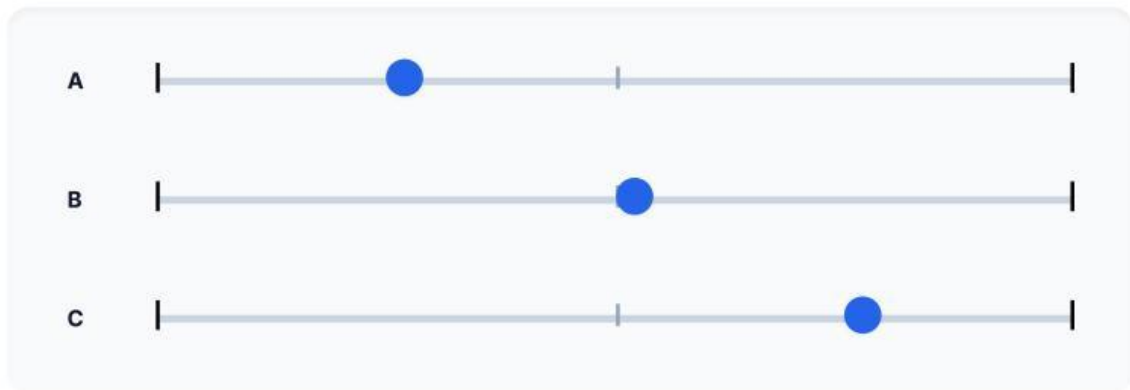
A.  $1/3$

B.  $2/3$

C.  $2/2$

D.  $3/2$

6. Which number line shows a point at  $\frac{1}{2}$ ?



A

B

C

7. An architect is measuring a number line from 0 to 1. If there are 4 equal spaces (intervals) between 0 and 1, how many equal parts is the whole divided into?

Measurement Workspace

A. 1

B. 3

C. 4

D. 5

8. Which fraction is equivalent to  $\frac{1}{2}$ ?

Calculation Workspace

A.  $\frac{1}{4}$

B.  $\frac{2}{4}$

C.  $\frac{2}{1}$

D.  $\frac{1}{3}$

9. Which fraction represents one whole?

A.  $\frac{3}{3}$

B.  $\frac{1}{3}$

C.  $\frac{3}{1}$

D.  $\frac{0}{3}$

10. Which fraction is equivalent to  $\frac{2}{3}$ ?

Final Blueprint Workspace

A.  $\frac{4}{6}$

B.  $\frac{1}{3}$

C.  $\frac{2}{6}$

D.  $\frac{3}{2}$

