Interim Assessment #3 Practice & Study Guide for Review

Fractions

1. Type a number **between 10 and 30** in each box to complete each equation. Hint – the question is asking for the product, when the fraction is multiplied by a whole number, to then compare to 3. Example: $\frac{1}{5} \times \boxed{} = \underline{} < 3$

$$\frac{1}{5} \times \underline{\hspace{2cm}} < 3$$

$$\frac{1}{5} \times \underline{\hspace{2cm}} > 3$$

$$\frac{1}{5} \times \underline{\hspace{2cm}} = 3$$

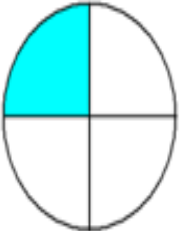2. Select the numbers that could go in the box to make the comparison true, using the multiple-choice options.

$$\frac{1}{2} > \frac{2}{\boxed{}}$$
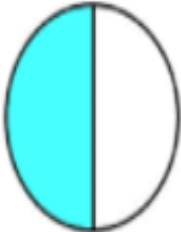
A. 2, 4, 10

B. 4, 8, 10

C. 6, 8, 10

D. 6, 8, 10

3. Use the multiple-choice tool to match each fraction to the shaded part of each model that shows an equivalent fraction.
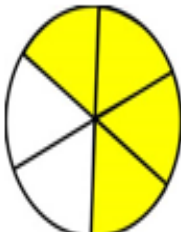
	A	B	C	D	E
$\dfrac{4}{8}$	☐	☐	☐	☐	☐
$\dfrac{1}{3}$	☐	☐	☐	☐	☐
$\dfrac{2}{10}$	☐	☐	☐	☐	☐
$\dfrac{3}{6}$	☐	☐	☐	☐	☐
$\dfrac{2}{3}$	☐	☐	☐	☐	☐

4.

a. Type a fraction equivalent to $\frac{1}{4}$. _____

b. Use the model below to prove that your fraction is equivalent.

c. Explain how your model proves your fraction is equivalent.

5. Jessie is putting points on a number line.

Jessie puts Point K between Point J and Point L.

What fraction could be the value of Point K?

Jennifer is stuffing chocolate into Easter eggs. She puts 3/5 of a pound of chocolate into each egg. How many pounds of chocolate will she need for 5 eggs?

Show your work and write your answer in the box.

> _____ pounds of chocolate