PEMBROKE ACADEMY

PRACTICE TEST WITH SAMPLE TEST ITEMS

BASED ON GRADE LEVEL STANDARDS

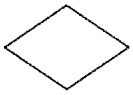
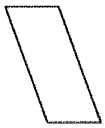
MATH

FOURTH GRADE

1. Select the statement that explains how the values of the numbers 420 and 4,200 are different.

A. 4,200 is 1,000 times as large as 420
B. 4,200 is 100 times as large as 420
C. 4,200 is 10 times as large as 420
D. 4,200 is 1 time as large as 420

2. Choose the box that matches each figure as pictured with its description. Each figure may be matched to more than one description.

	Has at Least One Right Angle	Has at Least One Pair of Perpendicular Sides	Has at Least One Pair of Parallel Sides
Rectangle	☐	☐	☐
 Rhombus	☐	☐	☐
 Parallelogram	☐	☐	☐

3. Figure A has $\frac{2}{3}$ of its whole shaded gray.

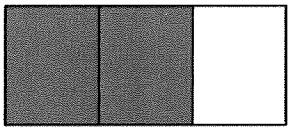


Figure A

Decide if each fraction is equal to $\frac{2}{3}$. Select Yes or No for each fraction.

	Yes	No
$\frac{4}{6}$	☐	☐
$\frac{1}{2}$	☐	☐
$\frac{8}{12}$	☐	☐

4. Select True or False for each comparison.

	True	False
$\frac{1}{4} < \frac{2}{12}$	☐	☐
$\frac{2}{10} > \frac{3}{5}$	☐	☐
$\frac{4}{6} > \frac{5}{12}$	☐	☐

5. A pattern is generated using this rule:

Start with the number 7 as the first term and add 5.
Enter numbers into the boxes to complete the table.

Term	Number
First	7
Second	
Third	
Fourth	
Fifth	

6. Select True or False for each comparison.

	True	False
5 hundreds + 4 tens > 50 + 400	☐	☐
524 < 50 + 200 + 4	☐	☐
50 tens + 20 ones = 520	☐	☐

7. Select **all** the numbers that make this inequality true.

$$2\frac{1}{8} > \square + 1 + \frac{1}{8}$$

- ☐ $\frac{1}{8}$
- ☐ $\frac{4}{8}$
- ☐ $\frac{10}{8}$
- ☐ $\frac{16}{8}$

8. Select **all** equations that are true.

- ☐ $\frac{4}{10} = 0.04$
- ☐ $\frac{17}{100} = 0.17$
- ☐ $\frac{9}{100} = 0.09$
- ☐ $\frac{6}{100} = 0.60$