Fractions and Division

Give each answer as a fraction. Then graph the answer on the number line.

1. $3 \div 7$ $\dfrac{3}{7}$ _____

2. $4 \div 9$ $\dfrac{4}{9}$ _____

3. $1 \div 5$ $\dfrac{1}{5}$ _____
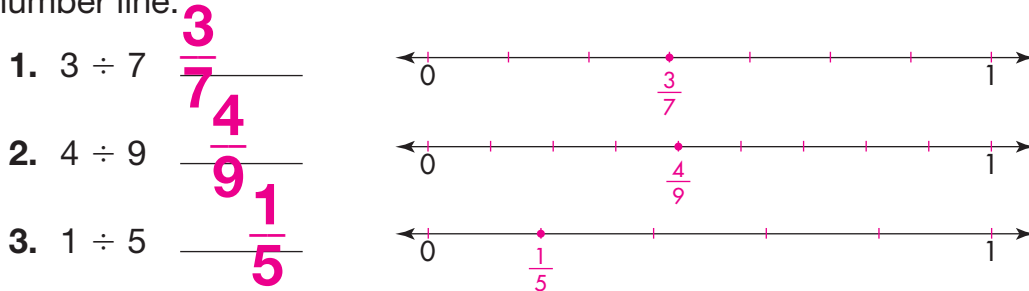
4. Use the number line to name the fraction at point *A*. $\dfrac{6}{16}$ _____
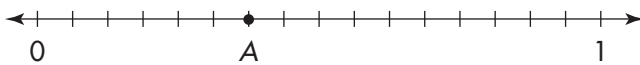
At a golf course, there are 18 holes. Of the 18 holes, 3 are par threes, 8 are par fours, and 7 are par fives. What fraction of the holes are

5. par fives? $\dfrac{7}{18}$ _____

6. par threes? $\dfrac{3}{18}$ _____

7. par fours? $\dfrac{8}{18}$ _____

8. Number Sense Explain how you know that $7 \div 9$ is less than 1.

Sample answer: Because 7 is less than 9, 7 cannot be divided by 9 one time.

9. After school, Chase spends 20 min reading, 30 min practicing the piano, 15 min cleaning his room, and 40 min doing his homework. Chase is busy for 105 min. What fraction of the time does he spend cleaning his room? $\dfrac{15}{105}$

10. Venietta read 4 books in 7 weeks. How many books did she read each week?

A $\dfrac{6}{7}$ **B** $\dfrac{4}{7}$ **C** $\dfrac{3}{7}$ **D** $\dfrac{2}{7}$

11. Explain It In 5 min, Peter completed 2 math problems. Yvonne says he did $\frac{3}{5}$ of a problem each minute. Is she correct? Explain.

Sample answer: No, Peter completed $\frac{2}{5}$ of a problem each minute.