

Grade 3 fractions and decimals test

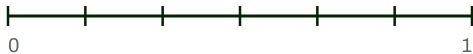
NAME	DATE	SCORE / 8
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Answer each question. Show your work.

1 $\frac{7}{1} = ?$

2 $\frac{1}{2}$ of a number is 49. What is the number?

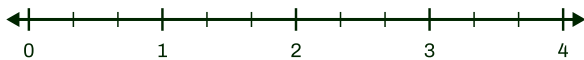
3 Mark $\frac{5}{6}$ on the number line shown below.



4 Each part of the bar below is $\frac{1}{3}$. What fraction of the bar is shaded?



5 The number line below goes from 0 to 4. Between which two whole numbers is $\frac{7}{3}$?



☐ 0 and 1 ☐ 1 and 2 ☐ 2 and 3 ☐ 3 and 4

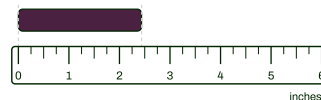
6 Which fraction is larger, $\frac{4}{8}$ or $\frac{4}{9}$, and why?

- ☐ The fractions are equal, because the numerators are the same.
- ☐ $\frac{4}{9}$ is larger, because 9 is more than 8.
- ☐ $\frac{4}{8}$ is larger, because $\frac{1}{8}$ is larger than $\frac{1}{9}$.

7 Which fraction is larger, $\frac{6}{7}$ or $\frac{5}{7}$, and why?

- ☐ $\frac{5}{7}$ is larger, because fewer parts make larger parts.
- ☐ The fractions are equal, because the denominators are the same.
- ☐ $\frac{6}{7}$ is larger, because $\frac{1}{7}$ are more than 5 $\frac{1}{7}$.

8 A bar is measured on the ruler below. What is the length of the bar, to the nearest quarter inch?



G

/ 1

Ans

- 9



- O

- O

- O

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1	7	2	98	3	5
4	$\frac{2}{3}$	5	2 and 3	6	$\frac{4}{8}$ is larger, because $\frac{1}{8}$ is larger than $\frac{1}{9}$.
7	$\frac{6}{7}$ is larger, because 6 parts of $\frac{1}{7}$ are more than 5 parts of $\frac{1}{7}$.	8	$2\frac{1}{2}$	9	No. The pieces are different sizes, but the same number are shaded.