Grade 5 fractions and decimals test

NAME	DATE	SCORE / 12

Answer each question. Show your work.

1 $6.15 \times 4 = ?$

2 $11.7 + 24.135 = ?$

3 Write sixteen and twenty-three thousandths as a decimal.

4 Write 0.688 as a fraction in lowest terms.

5 Write 0.6 as a fraction with a denominator of 10, 100 or 1000.

6 $\frac{2}{3} - \frac{1}{8} = ?$ Give the answer in lowest terms.

7 $\frac{1}{10} \div 10 = ?$

8 $\frac{4}{11} + \frac{1}{2} = ?$ Give the answer in lowest terms.

9 $6\frac{7}{12} - 2\frac{1}{3} = ?$ Give the answer as a mixed number.

10 A plant grew $\frac{2}{3}$ inch one week and $\frac{1}{8}$ inch the next week. How much did the plant grow in the two weeks, in inches?

11 Write $5 \div 4$ as a fraction.

12 Do 1.600 and 1.6 name the same number, and why?

- ◯ No. 1.600 is larger, because it has more digits.
- ◯ Yes. A zero does not change the value of a number.
- ◯ No. 6 tenths is more than 600 thousandths.
- ◯ Yes. 6 tenths is the same as 600 thousandths.

Grade 5 fractions and decimals test

1	24.6	2	35.835	3	16.023
4	$\frac{86}{125}$	5	$\frac{6}{10}$	6	$\frac{13}{24}$
7	$\frac{1}{100}$	8	$\frac{19}{22}$	9	$4\frac{1}{4}$
10	$\frac{19}{24}$	11	$\frac{5}{4}$	12	Yes. 6 tenths is the same as 600 thousandths.