

Grade 5 fractions and decimals test

NAME	DATE	SCORE / 12
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Answer each question. Show your work.

1 6.15 × 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 ÷ 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.

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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.