Name _____   Date _____

1.   Express as a decimal: $0.0004 \div 25$

2.   Express the sum

$$1000.1 + 0.998$$

as a decimal.

3.   Express as a decimal: 0.1125×600

4.   Simplify: $\dfrac{(0.3)(0.056)}{1.2 - 0.08}$

5.   Express as a mixed number: $\dfrac{0.\overline{6}}{0.\overline{5}}$

6.   Express as a fraction in lowest terms:

$$0.\overline{1} + 0.\overline{01}$$

7. Express $\dfrac{\sqrt{0.444444\ldots}}{2}$ as a common fraction.

8. Express as a mixed numeral: $93.\overline{3} - 39.\overline{9}$

9. Express the sum $0.\overline{3} + 0.\overline{2}$ as a common fraction.

10. Compute: $0.\overline{7} - 0.\overline{4} + 0.\overline{2}$. Express your answer as a common fraction.

11. Compute: $1.\overline{1} \times 0.01$. Express your answer as a common fraction.

12. When the repeating decimal $0.\overline{12}$ is expressed as a common fraction in lowest terms, what is the sum of its numerator and denominator?

13. Simplify: $\dfrac{0.\overline{6} + 0.\overline{3}}{0.\overline{9}}$

14. Compute: $1.\overline{1} \times 0.01$. Express your answer as a common fraction.

15. Determine the reduced fraction which is equal to $\dfrac{(0.\overline{3}\,)^4}{0.\overline{03}}$.

16. Add $4.2121121112\ldots$ and $5.343443444\ldots$ and express your answer as a mixed number.

17. Let $a = 1.234$, $b = 2.34$, and $c = 3.4$. Round the sum $a + b + c$ to the nearest hundredth.

Answer List

1.	0.000016	2.	1001.098	3.	67.5
4.	0.015	5.	$1\frac{1}{5}$	6.	$\frac{4}{33}$
7.	$\frac{1}{3}$	8.	$53\frac{1}{3}$	9.	$\frac{5}{9}$
10.	$\frac{5}{9}$	11.	$\frac{1}{90}$	12.	37
13.	1	14.	$\frac{1}{90}$	15.	$\frac{11}{27}$
16.	$9\frac{5}{9}$	17.	6.97		

Catalog List

1.	MCH AB 30	2.	MCH AB 35	3.	MCH AB 39
4.	MCH AB 46	5.	MCH AD 84	6.	MCH AD 88
7.	MCH AD 102	8.	MCC AI 58	9.	MCC AI 188
10.	MCC AI 207	11.	MCC AI 219	12.	MCC AI 135
13.	MCC AI 92	14.	MCC AI 219	15.	MCC AA 74
16.	MCH AD 23	17.	MCH AE 61		