

NON-GRADED DECIMALS SELF-ASSESSMENT

<p>(1) In the following numbers, in what place is the "2"?</p> <p>(a) 1234.567</p> <p>(b) 6352.74</p> <p>(c) 15.4286</p> <p>(d) 0.000002</p>	<p>(2) Round each number to the indicated place:</p> <p>(a) 1234.567; tens</p> <p>(b) 1234.567; tenths</p> <p>(c) 765.4321; hundreds</p> <p>(d) 765.4321; hundredths</p>
<p>(3) Use comparison symbols (<, >, or =) to compare the following:</p> <p>(a) 124.4 _____ 124.35</p> <p>(b) 0.12 _____ $\frac{1}{8}$</p> <p>(c) 0.171 _____ 0.17</p> <p>(d) 1.23 _____ 1.230</p>	<p>(4) Place these numbers in order from smallest to largest:</p> <p>0.071, 0.07, 0.069, 0.0701, 0.7</p>
<p>(5) Add:</p> <p>(a) $84 + 23.5$</p> <p>(b) $19.3 + 0.93$</p>	<p>(6) Subtract:</p> <p>(a) $84 - 23.5$</p> <p>(b) $19.3 - 0.93$</p>

(7) Multiply:

(a) 84×23.5

(b) 19.3×0.93

(8) Divide:

(a) $10.08 \div 2.1$

(b) $16.32 \div 1.7$

(9) Multiply by powers of 10:

(a) 6.35×10

(b) 6.35×10^3

(c) 6.35×10^{-2}

(10) Divide by powers of 10:

(a) $62.5 \div 10$

(b) $62.5 \div 10^3$

(c) $62.5 \div 10^{-2}$

(11) Write these numbers using scientific notation:

(a) 123,000,000,000

(b) 0.000000123

Write these numbers in standard notation:

(c) 5.64×10^3

(d) 5.64×10^{-2}

(12) Complete the chart:

Decimal	Percentage	Fraction
0.56		
	15.2%	
		$\frac{3}{8}$