

Worksheet2015-5EJ-00003

DECIMAL FRACTIONS

(1) Fill in < , > , or =.

(a) $\frac{1}{10}$ $\frac{2}{10}$

(b) 2,1 1,2

(c) $\frac{80}{10}$ 8,0

(d) $\frac{4}{10}$ 4,0

(e) 0,5 $\frac{1}{2}$

(f) 1,12 12,1

(g) $1\frac{2}{10}$ 1,2

(h) 0,2 0,22

(i) 4,4 44,4

(j) 4,30 4,03

(k) 1,5 $\frac{10}{10}$

(l) 5,2 2,5

(m) $\frac{1}{1}$ 1,0

(n) 8,8 88

(o) 1,15 1,51

(2) Write down the number value and place value of the underlined digits.

	NUMER	NUMBER VALUE	PLACE VALUE
(a)	6, <u>1</u>	$\frac{1}{10}$	1 tithes
(b)	0, 7 <u>6</u>	$\frac{6}{100}$	6 hundredths
(c)	2, 0 <u>5</u>	$\frac{5}{100}$	5 hundredths
(d)	<u>2</u> 34, 7	23T	Tens
(e)	6, 0 <u>3</u>	$\frac{3}{100}$	3 hundredths
(f)	*0, <u>12</u>	$\frac{12}{100}$	12 hundredths
(g)	* 2, 0 <u>3</u>	$\frac{3}{100}$	3 hundredths

(3) Complete the following.:

(a) 0,5 = <u>5</u> tithes	(b) 0,01 = <u>1</u> hundredths	(c) 0,002 = <u>2</u> thousandths
(d) 2,2 = <u>22</u> tithes	(e) 0,12 = <u>12</u> hundredths	(f) 0,015 = <u>15</u> thousandths
(g) 4,1 = <u>41</u> tithes	(h) 0,10 = <u>10</u> hundredths	(i) 0,002 = <u>2</u> thousandths
(j) 3,0 = <u>30</u> tithes	(k) 1,10 = <u>110</u> hundredths	(l) 0,003 = <u>3</u> thousandths
(m) 2,0 = <u>20</u> tithes	(n) 0,40 = <u>40</u> hundredths	(o) 0,007 = <u>7</u> thousandths
(p) 0,8 = <u>8</u> tithes	(q) 0,03 = <u>3</u> hundredths	(r) 0,008 = <u>8</u> thousandths
(s) 1,9 = <u>19</u> tithes	(t) 1,00 = <u>100</u> hundredths	(u) 0,009 = <u>9</u> thousandths

(4) Write down the decimals .

(a) $4 + \frac{2}{10} =$	<u>4,2</u>	(b) $4 + \frac{2}{10} + \frac{4}{100} + \frac{1}{1\,000} =$	<u>4,241</u>
(c) $1 + \frac{2}{100} =$	<u>1,02</u>	(d) $20 + \frac{2}{10} + \frac{1}{1\,000} =$	<u>20,201</u>
(e) $2 + \frac{16}{100} =$	<u>2,16</u>	(f) $\frac{2}{10} + \frac{4}{100} + \frac{6}{1\,000} =$	<u>0,246</u>
(g) $10 + 4 + \frac{4}{10} =$	<u>14,4</u>	(h) $0 + \frac{11}{100} =$	<u>0,11</u>
(i) $60 + 4 + \frac{2}{10} =$	<u>64,2</u>	(j) $0 + \frac{34}{100} =$	<u>0,34</u>
(k) $\frac{2}{10} + \frac{4}{100} =$	<u>0,24</u>	(l) $\frac{75}{100} =$	<u>0,75</u>

(5) Write down the following decimals in expanded notation.

(a) 2,15 =	<u>$2 + \frac{1}{10} + \frac{5}{100}$</u>
(b) 36,08 =	<u>$30 + 6 + \frac{8}{100}$</u>
(c) 4,24 =	<u>$4 + \frac{2}{10} + \frac{4}{100}$</u>
(d) 12,06 =	<u>$10 + 2 + \frac{6}{100}$</u>
(e) 234,35 =	<u>$200 + 30 + 4 + \frac{3}{10} + \frac{5}{100}$</u>