

## Decimal Fractions

**1. Write down (in words) how you would say each of the following decimals.**

- |         |          |
|---------|----------|
| a) 1.2  | e) 5.23  |
| b) 3.5  | f) 8.19  |
| c) 0.4  | g) 13.42 |
| d) 3.56 | h) 45.23 |

**2. Write down the value of each of the underlined digits in the questions below.**

- |                   |                  |
|-------------------|------------------|
| a) 2. <u>4</u> 5  | e) 2. <u>0</u> 3 |
| b) <u>3</u> .78   | f) 4. <u>5</u> 0 |
| c) <u>2</u> 3.4   | g) 18. <u>2</u>  |
| d) 45. <u>6</u> 5 | h) <u>3</u> .02  |

**3. Write down the decimal fraction equivalent of:**

- a) five units and six tenths
- b) nine units, four tenths and five hundredths
- c) six units, three hundredths and one tenth
- d) five units and three hundredths
- e) seven units and nine hundredths
- f) ten, five tenths and six hundredths
- g) twelve, seven tenths and five hundredths
- h) three tenths, seven units and six hundredths
- i) nine hundredths, six tenths and four units.
- j) eighteen and four tenths
- k) five units and fifteen hundredths
- l) eight and twenty two hundredths
- m) one hundred and eighty, five tenths and two hundredths

**4. Write down a decimal fraction between:**

- |                  |                  |
|------------------|------------------|
| a) 0.5 and 0.7   | f) 1.5 and 1.6   |
| b) 1.2 and 1.5   | g) 3.45 and 3.49 |
| c) 6.4 and 6.9   | h) 5.69 and 6    |
| d) 18.2 and 18.5 | i) 4 and 4.04    |
| e) 0.2 and 0.3   | j) 1.3 and 1.34  |

**5. Put the following decimals in order. Start with the smallest decimal first.**

- |        |      |      |      |      |
|--------|------|------|------|------|
| a) 1.3 | 0.5  | 3.6  | 2.5  | 5.8  |
| b) 5.6 | 0.2  | 3.7  | 3.4  | 0.1  |
| c) 0.5 | 0.25 | 0.2  | 0.3  | 0.1  |
| d) 0.7 | 0.01 | 0.1  | 0.07 | 0.17 |
| e) 1.4 | 1.04 | 1.14 | 1.1  | 1.41 |
| f) 5.2 | 5.21 | 5.12 | 4.8  | 1.5  |

**6. Continue the number pattern with the next two numbers in each of these sequences.**

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|----------|------|------|-----|-----|
| a) 2.2   | 2.4  | 2.6  | [ ] | [ ] |
| b) 1.1   | 1.3  | 1.5  | [ ] | [ ] |
| c) 3.14  | 3.16 | 3.18 | [ ] | [ ] |
| d) 5.01  | 5.05 | 5.09 | [ ] | [ ] |
| e) 6.12  | 6.06 | 6    | [ ] | [ ] |
| f) 66600 | 6660 | 666  | [ ] | [ ] |

**7. Place the digits 3, 4 and 5 into the boxes to create**

- (i) the smallest decimal  
(ii) the largest decimal

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