

# Master Maths 10 Worksheet 4

## Decimal Numbers

# 4

**Name:** \_\_\_\_\_

- 1.** Find the following decimal number.
- It is between 5 and 6.
  - It has two thousandths and three tenths.
  - The sum of the digits is 10.
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- 2.** Find the number mid way between 3.45 and 3.78
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- 3.** Add thirty-six thousandths to 7.8972
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- 4.** Write the following as a decimal number:  
Fifty-eight ten-thousandths
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- 5.** Write in words: 0.49
- \_\_\_\_\_

- 6.** State the number indicated on the following scale.
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- 7.** Convert the following fractions to decimal numbers.
- (a)  $\frac{5}{1000}$       (b)  $\frac{387}{10\ 000}$       (c)  $7\frac{61}{1000}$
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- 8.** Convert the following decimal numbers to fractions.
- (a) 0.047      (b) 6.1093      (c) 32.00801
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- 9.** Convert these fractions to decimal numbers.
- (a)  $\frac{7}{8}$       (b)  $\frac{13}{20}$
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- 10.** Convert the following fractions to decimal numbers clearly showing the digits that are recurring.

- (a)  $\frac{7}{9}$       (b)  $\frac{7}{12}$       (c)  $\frac{6}{7}$
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- 11.** Convert the following decimal numbers to to fractions.
- (a)  $0.\dot{5}$       (b)  $0.2\bar{13}$

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- 12.** Round the following numbers to the nearest hundredth.
- (a) 0.2748      (b) 6.0967      (c) 29.7058
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- 13.** Round the following numbers to three decimal places.
- (a) 0.2748      (b) 6.09649      (c) 29.79961
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- 14.** Write the following in scientific notation.
- (a) 784 000 000 000
- (b) 0.000 000 023 8

- 15.** What fraction is 4.2 m of 5.8 m? Write answer in its simplest form.
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