

## Decimals

Q 1. What is the place value of 3 in the following:

- (a) 4.031      (b) 17.3      (c) 137.02      (d) 18.673

Q 2. Write as a decimal

$$(5 \times 100) + (0 \times 10) + (3 \times 1) + \left(8 \times \frac{1}{10}\right) + \left(6 \times \frac{1}{100}\right)$$

Q 3. Write the following numbers in expanded notation:

- (a) 67.25      (b) 4.036      (c) 907.418

Q 4. Order the following numbers from least to greatest:

4.7, 4.07, 4.72, 4.27, 4.702

Q 5. Change the following decimals to fractions:

- (a) 0.9      (b) 0.57      (c) 4.03      (d) 0.253

Q 6. Change the following fractions to decimals:

- (a)  $\frac{17}{100}$       (b)  $\frac{1}{2}$       (c)  $\frac{4}{5}$       (d)  $\frac{3}{20}$

Q 7. Find:      (a)  $\begin{array}{r} 86.72 \\ + 12.45 \\ \hline \end{array}$       (b)  $\begin{array}{r} 96.75 \\ + 32.48 \\ \hline \end{array}$       (c)  $\begin{array}{r} 135.06 \\ + 17.29 \\ \hline \end{array}$

Q 8. Find:      (a)  $\begin{array}{r} 16.79 \\ - 1.43 \\ \hline \end{array}$       (b)  $\begin{array}{r} 34.65 \\ - 7.18 \\ \hline \end{array}$       (c)  $\begin{array}{r} 64.29 \\ - 17.58 \\ \hline \end{array}$

Q 9. Find:      (a)  $\begin{array}{r} 5.4 \\ \times 7 \\ \hline \end{array}$       (b)  $\begin{array}{r} 13.2 \\ \times 5 \\ \hline \end{array}$       (c)  $\begin{array}{r} 0.7 \\ \times 0.4 \\ \hline \end{array}$

Q 10. Find:      (a)  $5 \overline{)6.5}$       (b)  $4 \overline{)3.2}$       (c)  $3 \overline{)0.21}$

Q 11. Find: (a)  $\$8.35 + \$16.72 + \$0.56$

(b)  $\$183.47 - \$69.18$

(c)  $5 \times \$3.47$

(d)  $\$6.25 \div 5$

## Decimals

Q1. Change the following fractions to decimals:

(a)  $\frac{3}{8}$       (b)  $\frac{32}{125}$       (c)  $\frac{11}{40}$       (d)  $\frac{12}{60}$

Q2. On a certain day, Bill spends \$18.35 on taxi fares, \$8.49 on lunch and \$4.38 on dry cleaning. How much change does he have left over from \$50.00?

Q3. Pam spends \$1.68 on sweets, \$3.45 on a hamburger and 70 cents on a bus fare. How much change does she have left over from \$20.00?

Q4. Steve walks 16.47 metres in 9 seconds. How far would he walk in one minute?

Q5. Curtain material costs \$4.70 a metre. How much will it cost Mrs. Jones to buy 8.5 metres?

Q6. A sprinter practices for 100 metres and records the following times in seconds: 10.7, 10.5, 10.8, 10.9, 11.0, 10.3. What was his average time in seconds?

Q7. A butcher charges \$8.40 per kilogram for steak. How much would it cost to buy 1.3 kilogram of steak?

Q8. Greta is paid \$7.42 per hour. How much would she get paid for working 35 hours?

Q9. Mr. Grant gets paid \$334 for working a 40 hour week. How much does he get paid per hour?

Q10. Craig has to pay 32 cents tax for every dollar he earns. How much tax will he have to pay if he earns \$350.00?

Q11. Change 3 hours and 12 minutes into a decimal.

Q12. Change the following to their decimal equivalent:

(a) 3 cm and 2 mm

(b) 5 kilogram and 637 grams

(c) 4 Litres and 38 millilitres

(d) 4 metres and 6 centimetres.