

**Test
B****Unit 7: Decimals****Chapter 1: Tenths, Hundredths and Thousandths**

Circle the correct option, **A**, **B**, **C** or **D**.

1. 15 hundredths expressed in decimals is _____.

A 0.015

C 1.5

B 0.15

D 150

2. What is the value of the underlined digit in 38.64?

A 0.06

C 6

B 0.6

D 60

3. 1.125 written as a fraction is $1\frac{125}{\square}$. Which number belongs in the \square ?

A 10

C 1000

B 100

D 10,000

4. $1.72 = 1 + \frac{\square}{10} + \frac{2}{100}$.

Which number belongs in the \square ?

A 7

C 700

B 70

D 7000

5. 4 tens 2 ones 8 tenths expressed as a fraction is _____.

A $4\frac{2}{8}$

C $42\frac{8}{100}$

B $4\frac{28}{100}$

D $42\frac{8}{10}$

6. Express 3 ones 17 tenths 8 hundredths as a decimal.

A 3.178

C 31.78

B 4.78

D 317.8

7. Which symbol belongs in the \bigcirc ?

nine tenths five hundredths \bigcirc ninety-five hundredths

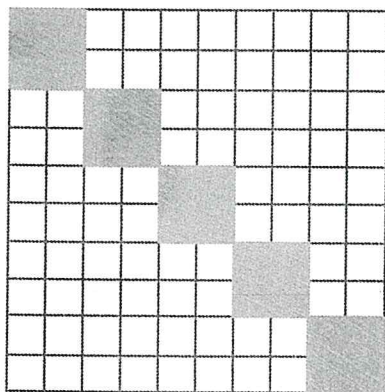
A $>$

C $=$

B $<$

D \approx

8. What fraction of the figure is shaded? Express your answer as a decimal.



A 0.02

C 0.5

B 0.2

D 2.0

9. Which decimal belongs in the ?

$$15.497 > 15 + \square$$

A 0.49

C 0.899

B 0.5

D 1.499

10. Arrange the following decimals in order, beginning with the greatest.

7.715, 0.777, 77.17, 70.77

A 0.777, 77.17, 7.715, 70.77

B 77.17, 7.715, 70.77, 0.777

C 77.17, 70.77, 7.715, 0.777

D 0.777, 7.715, 70.77, 77.17

**Test
B****Unit 7: Decimals****Chapter 2: Approximation**

Circle the correct option, **A**, **B**, **C** or **D**.

1. 405.89 is _____ when rounded to the nearest whole number.

- | | | | |
|----------|-------|----------|--------|
| A | 405 | C | 405.90 |
| B | 405.9 | D | 406 |

2. 7.89 is _____ when rounded to 1 decimal place.

- | | | | |
|----------|-----|----------|-----|
| A | 7.8 | C | 8.0 |
| B | 7.9 | D | 8.9 |

3. 12.079 is _____ when rounded to 2 decimal places.

- | | | | |
|----------|--------|----------|--------|
| A | 12.07 | C | 12.079 |
| B | 12.078 | D | 12.08 |

4. 99.198 is _____ when rounded to the nearest tenth.

- | | | | |
|----------|------|----------|------|
| A | 99 | C | 99.2 |
| B | 99.1 | D | 101 |

5. 90.809 is _____ when rounded to the nearest hundredth.

- | | | | |
|----------|--------|----------|-------|
| A | 90.081 | C | 90.81 |
| B | 90.8 | D | 91 |

6. 40.09 kg is _____ kg when rounded to the nearest kg.

- | | | | |
|----------|-------|----------|------|
| A | 0.4 | C | 40 |
| B | 0.409 | D | 40.1 |

7. 67.18 cm is _____ cm when rounded to 1 decimal place.
- A** 67 **C** 67.2
B 67.1 **D** 68
8. 1.26 lb is _____ lb when rounded to 1 decimal place.
- A** 0.201 **C** 1.3
B 1.21 **D** 12
9. 29.91 is 30 when rounded to _____.
- A** the nearest whole number
B 1 decimal place
C 2 decimal places
D the nearest hundredth
10. 10.098 *l* is 10 *l* when rounded to _____.
- A** the nearest whole number
B the nearest 1 decimal place
C the nearest 2 decimal places
D the nearest hundredth

**Test
B****Unit 7: Decimals****Chapter 3: Add and Subtract Decimals**

Circle the correct option, **A**, **B**, **C** or **D**.

1. $6.27 + 4.89 =$ _____

A 1.116

C 11.16

B 11.06

D 11.26

2. _____ + 33.9 = 100

A 33.1

C 67.1

B 66.1

D 133.9

3. _____ + 26.01 = 43.7

A 6.971

C 17.69

B 17.61

D 30.38

4. $101.44 +$ _____ $= 774.49$

A 663.05

C 865.93

B 673.05

D 875.93

5. Find the sum of 61.7 and 17.28.

A 7.898

C 789.8

B 78.98

D 7898

6. Find the difference between 110.94 and 2.98.

A 107.96

C 113.92

B 108.96

D 114.92

7. Find the value of 4 tenths 8 hundredths + 3 tenths 19 hundredths.
- | | | | |
|----------|------|----------|------|
| A | 0.97 | C | 27.7 |
| B | 1.69 | D | 367 |
8. Find the value of 33 tenths 9 hundredths – 15 tenths 9 hundredths.
- | | | | |
|----------|------|----------|-----|
| A | 0.18 | C | 18 |
| B | 1.8 | D | 180 |
9. Felicia had \$108.50. She spent \$64.25 on a toy house. How much did she have left?
- | | | | |
|----------|---------|----------|----------|
| A | \$36.25 | C | \$44.35 |
| B | \$44.25 | D | \$172.75 |
10. Jason, Kenneth and Sam weigh 64.5 kg, 81.3 kg and 77.7 kg respectively. What is their total weight?
- | | | | |
|----------|----------|----------|----------|
| A | 203.5 kg | C | 223.5 kg |
| B | 213.5 kg | D | 233.5 kg |

**Test
B****Unit 7: Decimals****Chapter 4: Multiply and Divide Decimals by a
1-Digit Whole Number**

Circle the correct option, **A**, **B**, **C** or **D**.

1. Find the product of 25.75 and 4.

A 10.3

C 29.75

B 21.75

D 103

2. Find the quotient when 32.05 is divided by 5.

A 0.641

C 64.1

B 6.41

D 641

3. $71.1 \div 3 =$ _____

A 2.37

C 23.7

B 21.33

D 213.3

4. $0.88 \times$ _____ $= 7.92$

A 6

C 8

B 7

D 9

5. _____ $\times 6 = 55.62$

A 9.27

C 333.72

B 92.7

D 3337.2

6. _____ $\div 6 = 2.58$

A 0.43

C 15.48

B 4.3

D 154.8

7. Find the value of $12.43 \div 6$ correct to the nearest whole number.

A 1

C 3

B 2

D 21

challenge
↓

8. Express $8\frac{5}{8}$ as a decimal.

A 0.125

C 8.6

B 0.625

D 8.625

9. A wire, 68.4 m long, is bent to form a square. What is the length of each side of the square?

A 17.1 m

C 72.4 m

B 64.4 m

D 273.6 m

10. 6 oranges and 3 apples cost \$4.65. If each orange costs \$0.55, find the cost of 1 apple.

A \$0.45

C \$1.65

B \$0.55

D \$3.00