**Lesson 1: Tenths and Hundredths**

1. Write each fraction or mixed number as a decimal.

a)  b) 4 c) 

d)  e)  f) 41

1. Write each decimal as a fraction or mixed number.

a) 17.02 b) 8.4 c) 0.13

d) 1.34 e) 0.91 f) 6.7

1. Use the numbers 3, 6, and 9.
Make as many decimals as you can.

**Lesson 2: Equivalent Decimals**

1. Colour hundredths grids to show each decimal.
Write an equivalent decimal.

a) 1.6 b) 0.40 c) 2.1

1. Write an equivalent decimal for each decimal.

a) 9.70 b) 4.3 c) 2.20

d) 0.8 e) 0.10 f) 18.5

1. Circle the equivalent decimals in each group.

a) 0.3 0.30 0.03 b) 2.01 2.1 2.10

c) 9.7 9.70 9.07 d) 15.3 15.03 15.30

**Lesson 3: Comparing and Ordering Decimals**

1. Write >, <, or = in each box.

a) 4.70 4.7 b) 3.8 3.6 c) 5.01 5.10

d) 1.47 1.74 e) 7.50 7.5 f) 2.38 2.4

2. Write the decimals in order from least to greatest.

a) 5.2, 8.9, 3.6 b) 3.04, 3.41, 3.01

c) 0.8, 0.43, 0.11 d) 2.3, 2.81, 2.76

3. Write a decimal to make each statement true.

a) 0.25 < b) 8.5 = c) 1.5 >

d) 0.02 > e) 7.67 < f) 6.80 =

**Lesson 4: Rounding Decimals**

1. Round to the nearest whole number.

a) 2.78 b) 1.41 c) 0.88

d) 4.5 e) 18.6 f) 17.50

1. Round to the nearest dollar.

a) $0.76 b) $18.50 c) $7.49

d) $5.89 e) $37.14 f) $85.62

1. Name 2 decimals with hundredths that would round to 15 when rounded
to the nearest whole number.

**Lesson 5: Estimating Sums and Differences**

1. Estimate each sum.

a) 2.8 + 3.9 b) 6.97 + 5.40

c) $1.95 + $0.06 d) 7.75 + 3.21

2 Estimate each difference.

a) 9.6 – 3.1 b) 8.7 – 5.9

c) 2.14 – 1.65 d) $9.11 – $6.41

3. Estimate each sum or difference.

a) 7.4 – 3.8 b) 5.04 + 7.02

c) 16.81 – 12.33 d) 8.75 + 6.01

**Lesson 6: Adding Decimals**

1. Add.

 a) 5.3 b) 5.7 c) 6.9 d) 23.08 e) 6.35
 + 8.2 + 9.3 + 8.4 + 14.99 + 4.65

1. Write vertically, then add. Remember to use equivalent decimals where necessary.

a) 14.26 + 37.98 b) 6.94 + 8.3 c) 52.46 + 34.25

**Lesson 7: Subtracting Decimals**

1. Subtract.

 a) 8.4 b) 7.5 c) 6.85 d) 11.04 e) $9.56
 – 3.1 – 1.8 – 3.94 – 4.18 – 2.08

2. Write vertically, then subtract. Remember to use equivalent decimals where necessary.

a) 10.08 – 6.9 b) 0.85 – 0.3 c) 5.7 – 2.63

**Lesson 8: Multiplying Decimals by 10 and 100**

1. Multiply. Use mental math.

a) 6.3 × 10 = b) 5.82 × 10 = c) 6.72 × 10 =
d) 31.2 × 100 = e) 0.4 × 100 = f) 8.09 × 100 =

1. Record each product in the place-value chart.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Tens** | **Ones**● | **Tenths** | **Hundredths** |
|  a) 0.04 × 100 b) 6.25 × 10 c) 0.3 × 100 d) 6.8 × 10e) 2.39 × 10 |  | ● |  |  |
|  | ● |  |  |
|  | ● |  |  |
|  | ● |  |  |
|  | ● |  |  |

**Lesson 9: Dividing Decimals by 10**

1. Use mental math to divide.

a) 84.2 ÷ 10 = b) 263.4 ÷ 10 = c) 0.7 ÷ 10 =

d) 0.1 ÷ 10 = e) 8.5 ÷ 10 = f) 173.8 ÷ 10 =

g) 7.7 ÷ 10 = h) 0.4 ÷ 10 = i) 2.6 ÷ 10 =

1. Ten pennies have a mass of 23.5 g.
What is the mass of 1 penny?
2. Ten dimes have a mass of 17.5 g. What is the mass of 1 dime?

**ANSWERS**

**Extra Practice 1 – Master 4.23**

**Lesson 1**

**1. a)** 0.17 **b)** 4.3 **c)** 0.02

 **d)** 0.9 **e)** 0.99 **f)** 41.07

**2. a)** 17 **b)** 8 **c)** 

 **d)** 1 **e)**  **f)** 6

**3.** 3.69, 3.96, 6.39, 6.93, 9.36, 9.63, 36.9, 39.6, 63.9, 69.3, 93.6, 96.3

**Lesson 2**

**1. a)** 1.60 **b)** 0.4 **c)** 2.10

**2. a)** 9.7 **b)** 4.30 **c)** 2.2

 **d)** 0.80 **e)** 0.1 **f)** 18.50

**3. a)** 0.3 and 0.30 **b)** 2.1 and 2.10

 **c)** 9.7 and 9.70 **d)** 15.3 and 15.30

**Extra Practice 2 – Master 4.24**

**Lesson 3**

**1. a)** 4.70 = 4.7 **b)** 3.8 > 3.6
**c)** 5.01 < 5.10 **d)** 1.47 < 1.74
**e)** 7.50 = 7.5  **f)** 2.38 < 2.40

**2. a)** 3.6, 5.2, 8.9 **b)** 3.01, 3.04, 3.41

 **c)** 0.11, 0.43, 0.8 **d)** 2.3, 2.76, 2.81

**3.** Answers may vary.

 **a)** 0.25 < 0.84 **b)** 8.5 = 8.50

 **c)** 1.5 > 0.2 **d)** 0.02 > 0.01

 **e)** 7.67 < 7.9 **f)** 6.80 = 6.8

**Lesson 4**

**1. a)** 3 **b)** 1 **c)** 1

 **d)** 5 **e)** 19 **f)** 18

**2. a)** $1 **b)** $19 **c)** $7

 **d)** $6 **e)** $37 **f)** $86

**3.** Answers may vary. 14.75 and 15.04

**Extra Practice 3 – Master 4.25**

**Lesson 5**

**1. a)** About 7 **b)** About 12

 **c)** About $2 **d)** About 11

**2. a)** About 7 **b)** About 3

 **c)** About 0 **d)** About $3

**3. a)** About 3 **b)** About 12

 **c)** About 5 **d)** About 15

**Lesson 6**

**1. a)** 13.5 **b)** 15.0 **c)** 15.3

 **d)** 38.07 **e)** 11.00

**2. a)** 52.24 **b)** 15.24 **c)** 86.71

**Extra Practice 4 – Master 4.26**

**Lesson 7**

**1. a)** 5.3 **b)** 5.7 **c)** 2.91

 **d)** 6.86 **e)** $7.48

**2. a)** 3.18 **b)** 0.55 **c)** 3.07

**Lesson 8**

**1. a)** 63 **b)** 58.2 **c)** 67.2

 **d)** 3120 **e)** 40 **f)** 809

●

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **2.** | **Tens** | **Ones** | **Tenths** | **Hundredths** |
|  **a)** |  | 4● |  |  |
|  **b)** | 6 | 2 | 5 |  |
|  **c)** | 3 | 0 |  |  |
|  **d)** | 6 | 8● |  |  |
|  **e)** | 2 | 3 | 9 |  |

**Extra Practice 5 – Master 4.27**

**Lesson 9**

**1. a)** 8.42 **b)** 26.34 **c)** 0.07

 **d)** 0.01 **e)** 0.85 **f)** 17.38

 **g)** 0.77 **h)** 0.04 **i)** 0.26

**2.** 2.35 g

**3.** 1.75 g