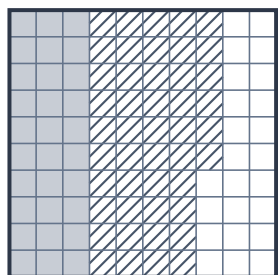


Add and Subtract Decimals

Unit Test, Form A (page 1 of 2)

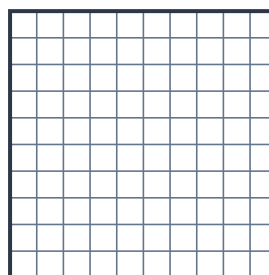
Score _____ / 12

1. Write the equation the model shows.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} \\ = \underline{\hspace{2cm}}$$

2. Shade the first number on the grid. Cross out the second to subtract. Write the difference.



$$0.92 - 0.45$$

$$= \underline{\hspace{2cm}}$$

3. Write it in the boxes. Then add.

$$8.7 + 14.56$$

$$\begin{array}{r} \square\square.\square\square \\ + \square\square.\square\square \\ \hline \square\square.\square\square \end{array}$$

4. Write it in the boxes. Then subtract.

$$16 - 7.48$$

$$\begin{array}{r} \square\square.\square\square \\ - \square\square.\square\square \\ \hline \square\square.\square\square \end{array}$$

5. Write it in the boxes. Then add.

$$5.8 + 12.06 + 0.9$$

$$\begin{array}{r} \square\square.\square\square \\ \square\square.\square\square \\ + \square\square.\square\square \\ \hline \square\square.\square\square \end{array}$$

6. Round each number to the nearest whole number. Then estimate.

$$8.62 + 5.29$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$12.18 - 6.73$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Add and Subtract Decimals

Unit Test, Form A (page 2 of 2)

7. Round to whole numbers. Is Rosa's answer reasonable?

Rosa says

$$4.7 + 3.26 = 3.73$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Yes

No

8. Find the total and the change.

Paint	\$4.35
Brush	\$2.79
Total	\$ <u> </u>
Change from \$10	\$ <u> </u>

9. Circle the better buy.

A lunch deal of a sandwich and milk is \$6.75. A sandwich alone is \$4.85. Milk alone is \$1.65.

Sandwich and milk alone: \$

the deal

bought alone

10. Solve.

A pumpkin weighs 2.85 kg. A squash weighs 1.9 kg. How much do they weigh together?

 kg

11. Solve.

A red ribbon is 4.2 m long. A blue ribbon is 2.75 m long. How much longer is the red ribbon?

 m

12. Solve.

A tank holds 18.5 L of water. Ben uses 6.35 L on Monday and 8.7 L on Tuesday. How much water is left?

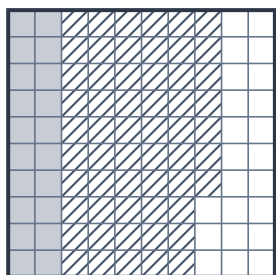
 L

Add and Subtract Decimals

Unit Test, Form B (page 1 of 2)

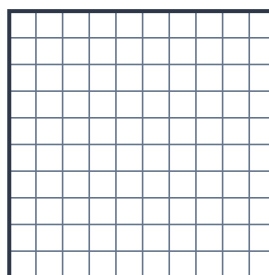
Score _____ / 12

1. Write the equation the model shows.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2. Shade the first number on the grid. Cross out the second to subtract. Write the difference.



$$0.83 - 0.56$$

$$= \underline{\hspace{2cm}}$$

3. Write it in the boxes. Then add.

$$9.6 + 26.58$$

$$\begin{array}{r} \square\square.\square\square \\ + \square\square.\square\square \\ \hline \square\square.\square\square \end{array}$$

4. Write it in the boxes. Then subtract.

$$13 - 5.27$$

$$\begin{array}{r} \square\square.\square\square \\ - \square\square.\square\square \\ \hline \square\square.\square\square \end{array}$$

5. Write it in the boxes. Then add.

$$7.3 + 15.04 + 0.6$$

$$\begin{array}{r} \square\square.\square\square \\ \square\square.\square\square \\ + \square\square.\square\square \\ \hline \square\square.\square\square \end{array}$$

6. Round each number to the nearest whole number. Then estimate.

$$7.81 + 3.34$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$15.27 - 8.66$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Add and Subtract Decimals

Unit Test, Form B (page 2 of 2)

7. Round to whole numbers. Is Jin's answer reasonable?

Jin says

$$8.3 + 2.54 = 3.37$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Yes

No

8. Find the total and the change.

Ball	\$5.38
Pump	\$3.87
Total	\$ <u> </u>
Change from \$20	\$ <u> </u>

9. Circle the better buy.

A pizza meal of a pizza and a drink is \$8.45. A pizza alone is \$6.39. A drink alone is \$1.89.

Pizza and drink alone: \$

the meal

bought alone

10. Solve.

A bag holds 3.7 kg of rice. Eli pours in 2.45 kg more. How much rice is in the bag now?

kg

11. Solve.

Ivy jumped 3.1 m. Zoe jumped 2.46 m. How much farther did Ivy jump?

m

12. Solve.

A box can hold 11.2 kg. Omar puts in 3.25 kg of plates and 4.6 kg of pans. How much more weight can it hold?

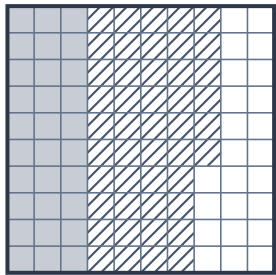
kg

Add and Subtract Decimals

Unit Test, Form A (page 1 of 2)

Score _____ / 12

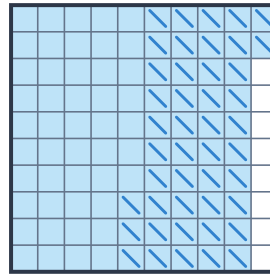
1. Write the equation the model shows.



$$\begin{array}{r} 0.3 + 0.46 \\ \text{either order} \\ \hline = 0.76 \end{array}$$

Lesson 2.1 · Add and subtract on hundred grids

2. Shade the first number on the grid. Cross out the second to subtract. Write the difference.



One way

$$\begin{array}{r} 0.92 - 0.45 \\ \hline = 0.47 \end{array}$$

Lesson 2.1 · Add and subtract on hundred grids

3. Write it in the boxes. Then add.

$$8.7 + 14.56$$

$$\begin{array}{r} \boxed{} \boxed{8} . \boxed{7} \boxed{} \\ + \boxed{1} \boxed{4} . \boxed{5} \boxed{6} \\ \hline \boxed{2} \boxed{3} . \boxed{2} \boxed{6} \end{array}$$

Lesson 2.2 · Line up the decimal points

4. Write it in the boxes. Then subtract.

$$16 - 7.48$$

$$\begin{array}{r} \boxed{1} \boxed{6} . \boxed{0} \boxed{0} \\ - \boxed{} \boxed{7} . \boxed{4} \boxed{8} \\ \hline \boxed{} \boxed{8} . \boxed{5} \boxed{2} \end{array}$$

Lesson 2.2 · Line up the decimal points

5. Write it in the boxes. Then add.

$$5.8 + 12.06 + 0.9$$

$$\begin{array}{r} \boxed{} \boxed{5} . \boxed{8} \boxed{} \\ \boxed{1} \boxed{2} . \boxed{0} \boxed{6} \\ + \boxed{} \boxed{0} . \boxed{9} \boxed{} \\ \hline \boxed{1} \boxed{8} . \boxed{7} \boxed{6} \end{array}$$

Lesson 2.2 · Line up the decimal points

6. Round each number to the nearest whole number. Then estimate.

$$8.62 + 5.29$$

$$\underline{9} + \underline{5} = \underline{14}$$

$$12.18 - 6.73$$

$$\underline{12} - \underline{7} = \underline{5}$$

Lesson 2.3 · Estimate first

Add and Subtract Decimals

Unit Test, Form A (page 2 of 2)

7. Round to whole numbers. Is Rosa's answer reasonable?

Rosa says

$$4.7 + 3.26 = 3.73$$

$$\begin{array}{r} 5 \\ \hline \end{array} + \begin{array}{r} 3 \\ \hline \end{array} = \begin{array}{r} 8 \\ \hline \end{array}$$

Yes

No

Lesson 2.3 · Estimate first

8. Find the total and the change.

Paint	\$4.35
Brush	\$2.79
Total	\$ 7.14
Change from \$10	\$ 2.86

Lesson 2.4 · Money: totals, change and the better buy

9. Circle the better buy.

A lunch deal of a sandwich and milk is \$6.75. A sandwich alone is \$4.85. Milk alone is \$1.65.

Sandwich and milk alone: \$ 6.50

the deal

bought alone

Lesson 2.4 · Money: totals, change and the better buy

10. Solve.

A pumpkin weighs 2.85 kg. A squash weighs 1.9 kg. How much do they weigh together?

$$2.85 \text{ kg} + 1.9 \text{ kg} = 4.75 \text{ kg}$$

One way

4.75 kg

Lesson 2.5 · Decimal story problems

11. Solve.

A red ribbon is 4.2 m long. A blue ribbon is 2.75 m long. How much longer is the red ribbon?

$$4.2 \text{ m} - 2.75 \text{ m} = 1.45 \text{ m}$$

One way

1.45 m

Lesson 2.5 · Decimal story problems

12. Solve.

A tank holds 18.5 L of water. Ben uses 6.35 L on Monday and 8.7 L on Tuesday. How much water is left?

$$6.35 \text{ L} + 8.7 \text{ L} = 15.05 \text{ L}$$

$$18.5 \text{ L} - 15.05 \text{ L} = 3.45 \text{ L}$$

One way

3.45 L

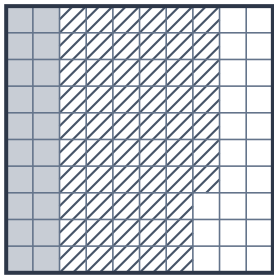
Lesson 2.5 · Decimal story problems

Add and Subtract Decimals

Unit Test, Form B (page 1 of 2)

Score _____ / 12

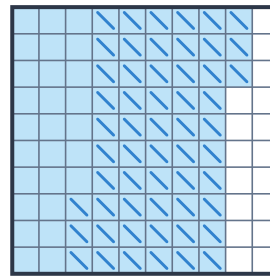
1. Write the equation the model shows.



$$\begin{array}{r} 0.2 + 0.57 \\ \text{either order} \\ = 0.77 \end{array}$$

Lesson 2.1 · Add and subtract on hundred grids

2. Shade the first number on the grid. Cross out the second to subtract. Write the difference.



One way

$$\begin{array}{r} 0.83 - 0.56 \\ = 0.27 \end{array}$$

Lesson 2.1 · Add and subtract on hundred grids

3. Write it in the boxes. Then add.

$$9.6 + 26.58$$

$$\begin{array}{r} \boxed{9}.\boxed{6}\boxed{}\boxed{} \\ + \boxed{26}.\boxed{58} \\ \hline \boxed{36}.\boxed{18} \end{array}$$

Lesson 2.2 · Line up the decimal points

4. Write it in the boxes. Then subtract.

$$13 - 5.27$$

$$\begin{array}{r} \boxed{13}.\boxed{00} \\ - \boxed{5}.\boxed{27} \\ \hline \boxed{7}.\boxed{73} \end{array}$$

Lesson 2.2 · Line up the decimal points

5. Write it in the boxes. Then add.

$$7.3 + 15.04 + 0.6$$

$$\begin{array}{r} \boxed{7}.\boxed{3}\boxed{}\boxed{} \\ \boxed{15}.\boxed{04} \\ + \boxed{0}.\boxed{6}\boxed{}\boxed{} \\ \hline \boxed{22}.\boxed{94} \end{array}$$

Lesson 2.2 · Line up the decimal points

6. Round each number to the nearest whole number. Then estimate.

$$7.81 + 3.34$$

$$\underline{8} + \underline{3} = \underline{11}$$

$$15.27 - 8.66$$

$$\underline{15} - \underline{9} = \underline{6}$$

Lesson 2.3 · Estimate first

Add and Subtract Decimals

Unit Test, Form B (page 2 of 2)

7. Round to whole numbers. Is Jin's answer reasonable?

Jin says

$$8.3 + 2.54 = 3.37$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array} = \begin{array}{r} 11 \end{array}$$

Yes

No

Lesson 2.3 · Estimate first

8. Find the total and the change.

Ball	\$5.38
Pump	\$3.87
Total	\$ 9.25
Change from \$20	\$ 10.75

Lesson 2.4 · Money: totals, change and the better buy

9. Circle the better buy.

A pizza meal of a pizza and a drink is \$8.45. A pizza alone is \$6.39. A drink alone is \$1.89.

Pizza and drink alone: \$ 8.28

the meal

bought alone

Lesson 2.4 · Money: totals, change and the better buy

10. Solve.

A bag holds 3.7 kg of rice. Eli pours in 2.45 kg more. How much rice is in the bag now?

$$3.7 \text{ kg} + 2.45 \text{ kg} = 6.15 \text{ kg}$$

One way

6.15 kg

Lesson 2.5 · Decimal story problems

11. Solve.

Ivy jumped 3.1 m. Zoe jumped 2.46 m. How much farther did Ivy jump?

$$3.1 \text{ m} - 2.46 \text{ m} = 0.64 \text{ m}$$

One way

0.64 m

Lesson 2.5 · Decimal story problems

12. Solve.

A box can hold 11.2 kg. Omar puts in 3.25 kg of plates and 4.6 kg of pans. How much more weight can it hold?

$$3.25 \text{ kg} + 4.6 \text{ kg} = 7.85 \text{ kg}$$

$$11.2 \text{ kg} - 7.85 \text{ kg} = 3.35 \text{ kg}$$

One way

3.35 kg

Lesson 2.5 · Decimal story problems