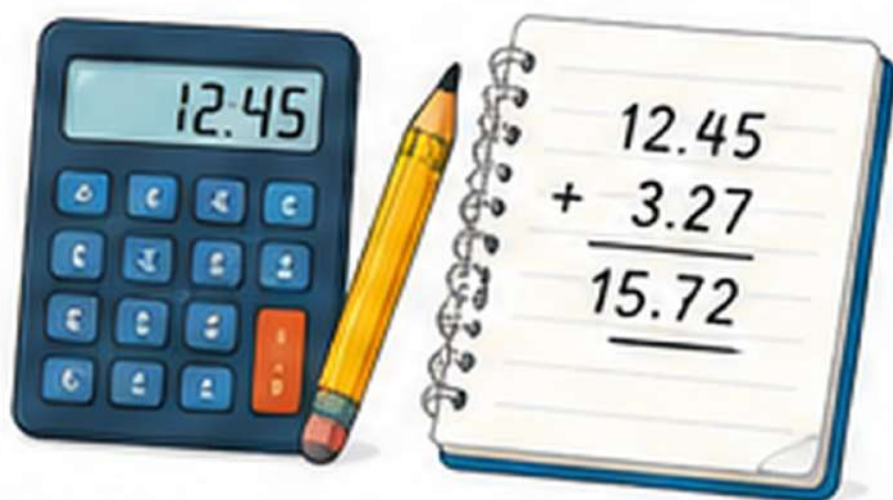




SURGESTART
—ACHIEVEMENT ACADEMY—

Decimal Operations Practice

Add. Subtract. Multiply. Divide.
Solve real-world problems!



Name: _____

Date: _____





1. Adding Decimals

Add. Line up the decimal points.

$$\begin{array}{r} 1. \quad 12.45 \\ + 3.27 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 7.38 \\ + 9.62 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4.56 \\ + 2.98 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 15.75 \\ + 6.25 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 8.064 \\ + 3.936 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 0.75 \\ + 0.18 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 23.7 \\ + 4.56 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 9.07 \\ + 11.93 \\ \hline \end{array}$$

 **Challenge:** $25.48 + 37.562 =$ _____



2. Subtracting Decimals

Subtract. Line up the decimal points.

$$\begin{array}{r} 1. \quad 9.75 \\ - 4.28 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 12.8 \\ - 7.36 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 15.00 \\ - 6.27 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 20.45 \\ - 13.29 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 8.064 \\ - 2.735 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 10 \\ - 3.48 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 32.6 \\ - 14.87 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 5.79 \\ - 2.68 \\ \hline \end{array}$$



Challenge: $100 - 27.456 =$ _____



3. Multiplying Decimals

Find each product.

1. 2.4×3.5

2. 0.6×4.2

3. 1.25×2.8

4. 3.6×0.25

5. 5.8×1.3

6. 0.75×6.4

7. 12.5×0.8

8. 2.05×3



Challenge: $7.2 \times 0.17 =$ _____



4. Dividing Decimals

Divide. Round your answer to the nearest hundredth if needed.

1. $9.6 \div 3$

2. $14.7 \div 7$

3. $5.25 \div 1.5$

4. $22.4 \div 4$

5. $0.81 \div 0.3$

6. $6.3 \div 0.9$

7. $25.2 \div 1.2$

8. $10 \div 0.25$



Challenge: $120 \div 0.48 =$ _____



5. Word Problems

Addition & Subtraction

1. Emma ran 2.75 miles on Monday and 3.48 miles on Wednesday.
How many miles did she run in all?



Answer: _____

2. A store had 15.90 pounds of apples.
They sold 6.37 pounds.
How many pounds are left?



Answer: _____

3. A recipe calls for 4.25 cups of flour.
You have 6.5 cups.
How much extra flour do you have?



Answer: _____

6. Word Problems

Multiplication

1. A box of pencils costs \$1.45.
How much do 3 boxes cost?



Answer: \$ _____

2. A recipe uses 0.75 cups of sugar.
How much sugar is needed for
4 batches?



Answer: _____ cups

3. A ribbon is 2.6 meters long.
How long are 7 ribbons?



Answer: _____ meters



7. Word Problems

Division

1. A bag of birdseed weighs 9.6 kg.
If it is shared equally among 4 birds,
how much will each bird get?



Answer: _____ kg

2. A roll of tape is 12.6 meters long.
You cut pieces that are 0.7 meters long.
How many pieces can you cut?



Answer: _____ pieces

3. A jar holds 8.25 liters of juice.
If 0.75 liters are poured into each cup,
how many cups can be filled?



Answer: _____ cups

8. Mixed Review

Solve each problem.

1. $6.45 + 8.36 =$ _____

2. $15.2 - 7.48 =$ _____

3. $2.5 \times 1.6 =$ _____

4. $9.6 \div 0.8 =$ _____

5. $0.37 + 4.19 =$ _____

6. $20.5 - 6.27 =$ _____

7. $3.6 \times 0.45 =$ _____

8. $7.2 \div 1.2 =$ _____

9. $1.25 \times 8 =$ _____

10. $12.8 \div 0.4 =$ _____

★ **Challenge:** $2.75 \times (3.6 + 1.25) =$ _____

9. Real-World Project Challenge

Plan and solve your own real-world problem using decimals.

My Problem:

The Operation I Will Use:

☐

Addition

☐

Multiplication

☐

Division

Show Your Work:

Answer:



Great job!
You are a Decimal Expert!

