

2.4 & 2.5

**Adding, Subtracting,
& Multiplying
Decimals**

Order the numbers from least to greatest

8) 0.0126, 0.26, 0.126, 0.06, 0.2

9) 5.143, 5.14, 5.13, 5.104, 5.1

10) 1.69, 1.107, 1.9, 1.709, 1.76

11) 4.281, 4.18, 4.118, 4.218, 4.081

Rounding Decimals

Round to the indicated place

0-4 stay the same
5-9 round up

11) 1.2852 (Thousandths)

12) 3.157 (Hundredths)

13) 12.449 (Tenths)

14) 0.349 (Hundredths)

Round 453.0729 to the given place value:

12) Hundreds

13) Tens

14) Ones

15) Tenths

16) Hundredths

17) Thousandths

Round the number to the given place value:

18) 269 (tens)

19) 34,475 (thousands)

20) 411,990 (hundreds)

21) 5.41 (tenths)

22) 20.3 (ones)

23) 8.5165 (thousandths)

Convert to a decimal

$$a) \quad \frac{3}{4}$$

$$b) \quad \frac{5}{8}$$

Convert to a decimal

$$c) \quad \frac{9}{4}$$

$$d) \quad 5\frac{3}{8}$$

DO NOW

$$1) \quad \frac{9}{10} + \frac{11}{15} =$$

$$2) \quad 1\frac{3}{4} \div 2\frac{5}{8} =$$

RULES FOR ADDING AND SUBTRACTING DECIMALS

STEP 1: Line up the decimals

STEP 2: Drop the decimal down

STEP 3: Add zero place holders if needed.

STEP 4: Add or subtract

ADD OR SUBTRACT

$$6.4 + 3.2$$

$$10.6 - 0.13$$

Practice

1) $4.72 + 2.5$

Practice

$$2) \quad 5.32 + 7$$

Practice

$$3) \quad 0.247 + 1.9$$

Practice

$$5) \quad 4.63 - 3$$

Practice

$$6) \quad 8 - 0.308$$

Practice

$$7) \quad 7 + 15.876 + .56$$

Real-life Application

Your meal at the school cafeteria costs \$3.45. Your friend's meal cost \$3.90. You pay for both meals with a \$10 bill. How much change do you receive?

Real-life Application

The Lincoln Memorial Reflecting Pool is approximately rectangular. Its width is 50.9 meters, and its length is 618.44 meters. You walk the perimeter of the pool. About how many meters do you walk?



Example 1

$$3.06 \times 1.4$$

Example 2

$$1.46 \times 0.02$$

Example 3

$$0.41 \times 3.507$$

Practice

$$1) .8 \times 3.25 =$$

Practice

$$2) 2.05 \times 5.4 =$$

Practice

$$3) 1.3 \times 7.02 =$$

Practice

$$4) .8 \times 1.25 =$$