4.2B: Represent the value of the digit in whole numbers through 1,000,000,000 and decimals to the hundredths using expanded notation and numerals (Readiness Standard)

(4.1D; 4.1F)

1. At 20,236 feet above sea level, Alaska's Mount McKinley is the tallest mountain in the United States. Write the number 20,236 in expanded notation.

Complete the expanded notation by writing the correct answer from the options below on each line. Not all answers will be used.

30   2,000   6   200   20,000   300   60

_____ + _____ + _____ + _____

(4.1D; 4.1F)

2. Write the number 3,000 + 20 + 3 in standard form.

Record your answer in the space provided.

(4.1D; 4.1F)

3. The heaviest pumpkin in the world weighed 2,322.6 pounds. Which expression is equivalent to 2,322.6?

A 2,000 + 300 + 20 + 0.26

B 2,000 + 300 + 20 + 2 + 6

C 2,000 + 300 + 20 + 2 + 0.6

D 2,000 + 300 + 20 + 2 + 0.06

(4.1D; 4.1F)

4. Look at the number below.

908,120

What is the expanded form of the number?

Record your answer in the space provided.

(4.1D; 4.1F)

5. Write the following numbers in order from least to greatest?

751,031   751,301   715,031
751,003   751,130   715,301

Least

_____
_____
_____
_____
_____
_____

Greatest

4.3B: Decompose a fraction in more than one way into a sum of fractions with the same denominator using concrete and pictorial models and recording results with symbolic representations (Supporting Standard)
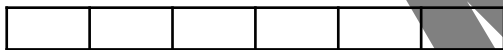
(4.1C; 4.1D; 4.1F)

1. Gina used $\frac{3}{6}$ of one package of silk flowers for her scrapbook. Denise used $\frac{2}{6}$ of the same package of silk flowers for her scrapbook.

What fraction represents the total amount of flowers used by both girls?
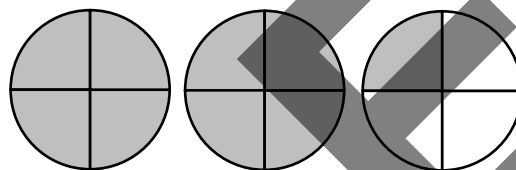
Complete the model so that it is shaded to represent the fraction of flowers used.

Shade the sections you want to shade. Sections should be fully shaded.

(4.1C; 4.1D; 4.1F)

2. Look at the model below.

Write an expression that represents the shaded portion of the model.

Record your answer in the space provided.

(4.1C; 4.1D; 4.1F)

3. Which models below represent $\frac{7}{5}$?

Select **TWO** correct answers.
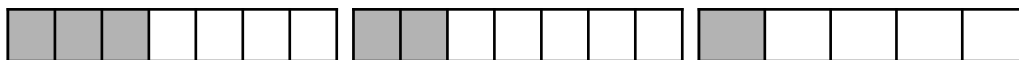
☐ Figure A

☐ Figure B

☐ Figure C

☐ Figure D

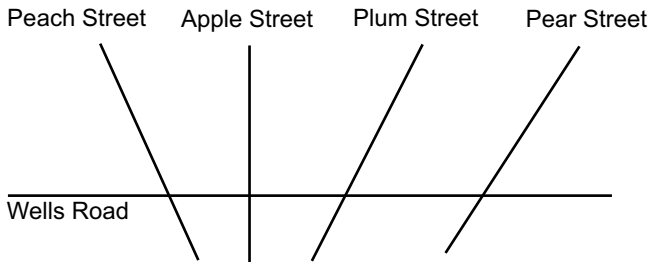☐ Figure E

4.6A: Identify points, lines, line segments, rays, angles, and perpendicular and parallel lines (Supporting Standard)
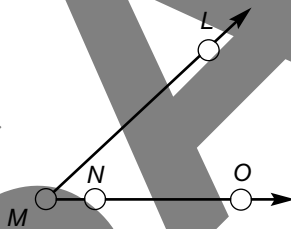
(4.1D; 4.1F)

1. Look at the map below.

Peach Street   Apple Street   Plum Street   Pear Street

Wells Road

Circle the correct option for each blank that completes the sentence below.

___**(a)**___ Street is ___**(b)**___ to Wells Road.

(a) Peach   **or**   **(a)** Apple   **or**
(a) Plum   **or**   **(a)** Pear

(b) parallel   **or**
(b) perpendicular

(4.1D; 4.1F)

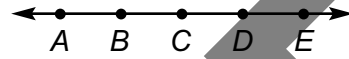**2.** Look at the angle below.

L

N   *O*

M

Which point represents the angle's vertex?

Shade the **ONE** correct circle that represents the vertex.

(4.1D; 4.1F)

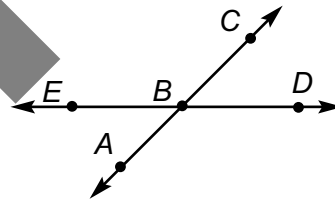**3.** The diagram below shows $\overrightarrow{AE}$.

A   B   C   D   E

Point *B* in the diagram above represents a(n)—

A point on $\overleftrightarrow{AE}$

B endpoint of $\overleftrightarrow{AC}$

C endpoint of $\overleftrightarrow{AE}$

D vertex of $\angle BCD$

(4.1D; 4.1F)

4. Look at the diagram below.

C

E   *B*   *D*

A

Which of the following names a ray in the diagram?

A $\overrightarrow{AC}$

B $\overline{AD}$

C $\overrightarrow{BC}$

D $\overleftrightarrow{ED}$

4.9B: Solve one- and two-step problems using data in whole number, decimal, and fraction form in a frequency table, dot plot, or stem-and-leaf plot (Supporting Standard)

(4.1A; 4.1E; 4.1F)

1. Kacy has 5 aunts and 4 uncles. Her aunts' ages are 23, 39, 36, 28, and 42. Her uncles' ages are 27, 37, 29, and 41.

Complete the stem-and-leaf plot to represent the ages of Kacy's aunts and uncles.

Stem	Leaf

(4.1A; 4.1E; 4.1F)

2. Carlos recorded his jogging times, in minutes, for one month on the stem-and-leaf plot below.

Stem	Leaf
1	0 0 5 5
2	5 5 6
3	0 1 5
4	5 5 8 9

What is the difference between Carlos' shortest and longest jogging times, in minutes?

Record your answer in the space provided.

(4.1A; 4.1E; 4.1F)

3. Peyton practices piano at least 15 minutes each day, Monday through Friday. The chart shows his practice sessions last week.

Time Spent Practicing

Day	$\frac{1}{4}$-hour Practices
Monday	II
Tuesday	I
Wednesday	III
Thursday	II
Friday	IIII

How many hours did Peyton practice altogether on Monday, Wednesday, and Friday?

A 1 hour 15 minutes

B 1 hour 30 minutes

C 1 hour 45 minutes

D 2 hours 15 minutes