**Fractions and Decimals**

Write a decimal and a fraction in simplest form for each shaded portion.

****

**1. 2.**

Write each decimal as a fraction in simplest form.

|  |  |  |
| --- | --- | --- |
| **3.** 0.15  | **4.** 0.31  | **5.** 0.82  |

Convert each fraction to a decimal.

|  |  |  |
| --- | --- | --- |
| **6.**   | **7.**   | **8.**   |

**Improper Fractions and
Mixed Numbers**

|  |  |
| --- | --- |
| **1.** Draw a picture to show  | **2.** Draw a picture to show  |

Write each improper fraction as a whole number or mixed number in
simplest form.

|  |  |  |
| --- | --- | --- |
| **3.**   | **4.**   | **5.**   |

Write each mixed number as an improper fraction.

|  |  |  |
| --- | --- | --- |
| **6.**   | **7.**   | **8.**   |

Which letter on the number line corresponds to each number?



|  |  |  |
| --- | --- | --- |
| **9.**   | **10.**   | **11.**   |

**Least Common Multiple**

Find the LCM of each set of numbers.

|  |  |  |
| --- | --- | --- |
| **1.** 15, 20  | **2.** 4, 50  | **3.** 8, 12  |

**Adding and Subtracting:
Unlike Denominators**

Find each sum or difference. Simplify your answer.

|  |  |  |
| --- | --- | --- |
| **1.**   | **2.**   | **3.**   |

**10. Writing to Explain** To find the sum of  and  Mario rewrites the
fractions as  and  His answer is  Is Mario right? If not, show
his error and correct it.

**Adding Mixed Numbers**

Find each sum. Simplify your answer.

|  |  |
| --- | --- |
| **1.**   | **2.**   |
| **3.**   | **4.**   |

**5.** An ostrich egg is **** in. long. A California condor’s
egg is **** in. long, and an albatross egg is **** in.
long. If the three eggs are placed end to end, what
is the total length in inches?

**6.** Shanda can travel 10 mi on her electric scooter before she has
to recharge the batteries. If it is **** mi to the library and **** mi to
her friend’s house, can she make both trips before she needs to
recharge the batteries?

**Subtracting Mixed Numbers**

Find each difference. Simplify if possible.

|  |  |
| --- | --- |
| **1.**  **3.**  **5.**   | **2.**  **4.**  **6.**   |

**7.** In which of the exercises above do you have to rename the first
mixed number to show more fractional parts before subtracting?

