

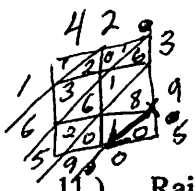
Unit 2 Study Guide

- 1.) $481 + 2,633 = \underline{3,114}$ 2.) $18.7 + 114.9 = \underline{133.6}$
- 3.) $36 + 12.4 = \underline{48.4}$ 4.) $808 - 269 = \underline{539}$
- 5.) $46.1 - 15.82 = \underline{30.28}$ 6.) $51 - 5.6 = \underline{45.4}$

Write a number sentence to estimate each product. Then, multiply to find the actual product. Show all work.

- 7.) $2.4 * 3.7 = \underline{8.88}$ Estimate $2.4 = 2$
 $\begin{array}{r} 2.4 \\ \times 3.7 \\ \hline 168 \\ 720 \\ \hline 8.88 \end{array}$
- 8.) $42 * 39.5 = \underline{1,659}$ Estimate $40 * 40 = 1,600$
 $\begin{array}{r} 42 \\ \times 39.5 \\ \hline 210 \\ 3780 \\ 7980 \\ \hline 1659.0 \end{array}$
- 9.) $0.6 * 3.2 = \underline{1.92}$ Estimate $1 * 3 = 3$
 $\begin{array}{r} 0.6 \\ \times 3.2 \\ \hline 120 \\ 1800 \\ \hline 1.92 \end{array}$

10.) Kenzie draws a marble from a bag that contains 12 red marbles, 3 green marbles, and 4 blue marbles.



- What is the probability she will draw a green marble? $\frac{3}{19}$
- What is the probability she will draw a marble that is NOT blue? $\frac{15}{19}$

- 11.) Raj rolls a regular die labeled with the numbers 1, 2, 3, 4, 5 and 6.
- What is the probability he will roll a number greater than 4? $\frac{2}{6}$

12.) Write in digits: Four hundred eighty-six million, three hundred twenty-nine thousand, seventy-five.
486,329,075

13.) Write in expanded form: 4,867.15 $4000 + 800 + 60 + 7 + 0.1 + 0.05$

14.) What is the value of the underlined digit? 384,271,695 80,000,000

15.) Olivia's grades on her last 5 spelling tests: 81, 97, 100, 85, 85

Maximum 100 Minimum 81 Range 19 (maximum - minimum)

Median 85 Mode 85 (appears most)

- 16.) $618 + \underline{82} = 700$ 17.) $54 - \underline{31} = 23$ 18.) $\underline{107} - 32 = 75$

- 19.) $\underline{200} * \underline{5,000} = \underline{10,000,000}$
 2 zeros + 3 zeros = 5 zeros not underlined
- 20.) $\underline{80} * \underline{500} = \underline{40,000}$
 1 zero 3 zeros