Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_Block\_\_\_\_\_

**Decimal Study Guide**

**Adding, Subtracting, Multiplying, and Dividing**

1. What is the correct decimal placement for the problem below? Explain how you know where to put the decimal.  **4.59 x 6.3=** 
   1. 2.8917 b. 289.17 c. 28.917 d. 2891.7
2. Helen made the following deposits in her bank account: $12.65, $16.89, $45.32. What is the total of the deposits?
   1. $64.86 b. $74.86 c. $74.76 d. $74.96
3. Beth had $16.90. She bought 4 bags of chips for $0.85 each, including tax. How much money did Beth have left?

* 1. $12.50 b. $13.50 c. $13.40 d. $12.65

1. An air hockey table costs $245.55. If Jessie and her 4 friends want to split the cost evenly, how much should each person pay?
2. Mario made $64.75 selling ice-cream. If each ice cream costs $1.75, how many ice-creams did he sell?
3. Jamie worked at Subway for 4 months. His monthly earnings were $125.75, $345.65, $145.50, and $45.60. How much did Jamie make during his 4 month employment with Subway?
4. Jamie had 50 yards of rope. He cut a 12.6 yard piece and a 9.4 yard piece. How much rope does Jamie have left? If Jamie cuts the remaining piece of rope into 4 segments, how long will each piece be?
5. Michael spends 25.2 hours doing homework each week. How many hours on average does Michael spend doing homework each day? (five days in a week)
6. Barbara needs to purchase 7 books $5.99 each and 10 CDs at $13.49 each. If Barbara has pays with $200, how much change will she get back?
7. A ticket to the hockey game costs $7.65. How much would it cost for 5 students to go to the game?

Questions 11-14 Gridded response

* Show all your work below each problem.
* Write only one digit or symbol in each box. Spaces are permitted before or after your answer, but not within the answer. Darken the corresponding circle below each box.

1. **21 – 5.3** 12.) **21.77 +0.023 + 6.9** 13.) **0.6 • 1.47** 14.) **32.58 ÷ 2.4**



14.)

13.)

12.)

11.)