***Learning Targets:***

*I can find the total quantity given a percent and a part of the total.*

*I can convert between fractions, decimals, and percentages.*

***Mastery Scoring Sheet***

Overall score: \_\_\_\_\_\_\_\_\_\_/9 \_\_\_\_\_\_\_\_\_\_\_\_%

*Learning Target 6: I can find the total quantity given a percent and a part of the total.*

Questions: 1, 3, 5

Score: \_\_\_\_\_\_\_\_\_\_\_/ 3 Circle: Met Did not meet

*Learning Target 7: I can convert between fractions, decimals, and percentages.*

Questions: 2, 4, 6

Score: \_\_\_\_\_\_\_\_\_\_\_/ 3 Circle: Met Did not meet

*Short response question: (3 pt. rubric)*

Score: \_\_\_\_\_\_\_\_\_\_\_/ 3

Correct = 3 pts. Partially Correct = 1 OR 2 pts. Incorrect = 0 pts.

Notes:

***Learning Targets:***

*I can find the total quantity given a percent and a part of the total.*

*I can convert between fractions, decimals, and percentages.*

**\_\_\_\_\_\_\_\_**1.16 is 20% of what number?

A. 40 B. 80 C. 96 D. 125

***Use the chart below to answer questions 2.***



\_\_\_\_\_\_\_ 2. Below are 4 student responses to complete Row B, which states, “20 out of 25 correct problems”. Which student completed Row B correctly?

A. Student A: 20/25, 0.25, 25% B. Student B: 20/25, 0.75, 75%

C. Student C: 21/40, 0.52, 52.5% D. Student B: 4/5, 0.8, 80%

**\_\_\_\_\_\_\_** 3. A basketball player made 40% of the shots she attempted. If she made 10 baskets, how many shots did she attempt?

A. 35 B. 40 C. 50 D. 25

\_\_\_\_\_\_\_ 4. Brandon was trying to determine which basketball game he made more free throw shots during. He asked his coach for the stats. The coach said he made 4/5 of his shots in Game 1 and 70% of shots in Game 2. Which statement is correct?

A. Brandon made less than 75% of his free throws in both Game 1 and Game 2.

B. Brandon made more than 3/4 of his free throws in both Game 1 and Game 2.

C. Brandon made 80% of his shots in Game 1.

D. Brandon made between 3/4 and 7/8 of his free throws in Game 1 and Game 2.

**\_\_\_\_\_\_\_** 5. Jim has answered 7 e-mails. This is 25% of the e-mails he must answer. How many e-mails in total does he need to answer?

A. 28 B. 18 C. 30 D. 25

\_\_\_\_\_\_\_ 6. Which pair of numbers fall between 0.1 and 0.9?

A. 30%, 1/12 B. 1/3 , 25% C. 0.05 , 20%  D. 1/2 , 0.95

7. Fill in the missing values from the table.

Be sure to show all work.

|  |  |  |
| --- | --- | --- |
| Fraction | Percent | Decimal |
| $$\frac{2}{5}$$ |  |  |
|  |  | 0.12 |
|  | 62.5% |  |