***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.*

**\_\_\_\_\_\_\_\_**1.9 is 60% of what number?

A. 5.4 B. 15 C. 30 D. 19

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



\_\_\_\_\_\_\_ 2. Below are 4 student responses to complete Row A, which states, “30 out of 100 correct problems”. Which student completed Row A correctly?

A. Student 1: 30/10, 3.0, 30% B. Student 2: 3/100, 0.03, 3%

C. Student 3: 3/100, 0.30, 3% D. Student 4: 3/10, 0.3, 30%

**\_\_\_\_\_\_\_** 3. A basketball player made 40% of the shots she attempted. She made 10 baskets. 10 is 40% of what number?

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

\_\_\_\_\_\_\_ 4. Compare 70% and 4/5.

A. 70% > 4/5

B. 70% = 4/5

C. 70% < 4/5

D. More information is needed to solve this problem.

**\_\_\_\_\_\_\_** 5. Jim has answered 7 e-mails. This is 50% of the e-mails he must answer. How many e-mails in total does he need to answer?

A. 14 B. 3.5 C. 10 D. 7

\_\_\_\_\_\_\_ 6. Which number falls between 0.1 and 0.9?

A. 8% B. 1/3 C. 1/12  D. 95%

7. Fill in the missing values into the table.

Be sure to show all work.

|  |  |  |
| --- | --- | --- |
| Fraction | Percent | Decimal |
| $$\frac{1}{2}$$ |  |  |
|  |  | 0.75 |
|  | 25% |  |