Name _____ Date _____

Math Review Part 4
Phenomenal Fractions

ANSWER SHEET

1. Juan's mother gave him a recipe for trail mix, which included $\frac{5}{8}$ cup cereal, $\frac{1}{3}$ cup peanuts, $\frac{1}{4}$ cup almonds, and $\frac{1}{2}$ cup raisins. Put the fractions in order from least to greatest in the boxes below.

Least | $\frac{1}{4}$ | $\frac{1}{3}$ | $\frac{1}{2}$ | $\frac{5}{8}$ | Greatest

2. Are the following fractions equal to (=), less than(<), or greater than (>) each other? Write the appropriate symbol on the line provided. Show your math thinking.

$\frac{3}{8}$ < $\frac{12}{24}$ $\quad\frac{6}{20}$ = $\frac{3}{10}$ $\quad\frac{6}{7}$ = $\frac{18}{21}$ $\quad\frac{12}{16}$ > $\frac{3}{5}$

3. Write an X on the line next to the pairs of fractions that are equivalent. Show your thinking or calculations.

_____ $\frac{4}{5}$ and $\frac{8}{12}$ $\quad$ X $\frac{2}{3}$ and $\frac{10}{15}$ $\quad$ _____ $\frac{2}{7}$ and $\frac{6}{20}$

4. In fifteen minutes, Edgar walked $\frac{3}{5}$ of a mile, Jackie walked $\frac{3}{4}$ of a mile, and Pranav walked $\frac{1}{2}$ a mile. Compare the distances walked by each person. Who walked the furthest, and who walked the shortest distance? Show your math thinking.

Jackie walked the most. Pranav walked the least.

5. List 3 equivalent fractions for $\frac{6}{9}$. One should be in simplest form.

$\frac{2}{3}$, $\frac{12}{18}$, $\frac{60}{90}$

6. Sasha plays the piano. She spends $\frac{1}{4}$ of an hour practicing scales and $\frac{1}{3}$ of an hour practicing songs for her recital. Circle **Yes** or **No** for each statement.

YES NO 12 can be a common denominator of $\frac{1}{4}$ and $\frac{1}{3}$.

YES NO The amount of time spent on scales can be written as $\frac{3}{12}$.

YES **NO** The amount of time spent practicing songs can be written as $\frac{6}{12}$.

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8. Find the product. Simplify your answer and write it in the corresponding line.

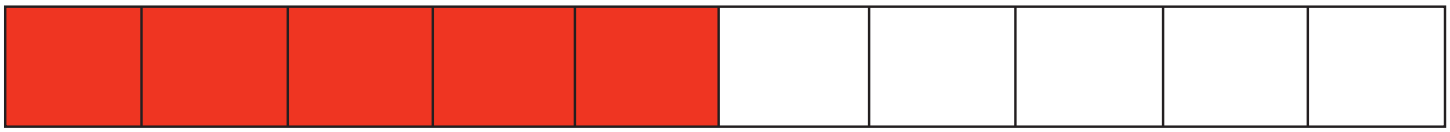
$6 \times \frac{1}{4} =$ $\frac{4}{7} \times 3 =$ $10 \times \frac{3}{8} =$

Answer: $1\frac{1}{2}$ Answer: $1\frac{5}{7}$ Answer: $3\frac{3}{4}$

9. Mr. Rosenberry loves jam, and has a great jam recipe. He uses $2\frac{1}{2}$ pounds of strawberries and $1\frac{1}{2}$ pounds of blueberries to make one batch of jam! How many pounds does he need altogether to make one batch of jam? Show your math thinking.

Answer: 4 pounds

10. There is a carnival with lots of fun activities at the middle school! One tenth of the carnival activities are dunk tanks. Student exhibits make up $\frac{5}{10}$ of the activities and games take up $\frac{4}{10}$ of the carnival. On the model below, show by careful shading, what fraction of the carnival is ***dunk tanks and games***. Also write the answer on the answer line.



Answer: $\frac{1}{2}$

11. Mrs. Sabo made $16\frac{2}{3}$ pounds of tortellini for a staff luncheon. At the end of the luncheon, she had $3\frac{1}{3}$ pounds left. How many pounds of tortellini were eaten by the hungry teachers? Show your work.

Answer: $13\frac{1}{3}$ pounds