

Math 7 - Chaper 3 Semester Review Worksheet

- Write -1.25 as a fraction in simplest form.
- Write the decimal 1.48 as a mixed number in simplest form.
- Write the fraction $\frac{10}{7}$ as a decimal. Round to the nearest hundredth if necessary.
- Write the fraction $\frac{1}{11}$ as a decimal. Round to the nearest hundredth if necessary.
- Write $\frac{43}{8}$ as a mixed number in simplest form.
- Write $2\frac{6}{7}$ as an improper fraction.
- Order the numbers from least to greatest.
 $3.712, 3.81, 3\frac{3}{5}$
- Order the numbers from least to greatest.
 $-3.384, -3.41, -3\frac{1}{2}$
- Compare the two fractions using $<$, $>$, or $=$.
 $\frac{8}{3}$ and $\frac{16}{6}$
- Compare the two fractions using $<$, $>$, or $=$. $\frac{4}{7}$ and $\frac{5}{8}$
- Perform the following operation, and then simplify, if possible.
 $-\frac{5}{9} - (-\frac{1}{9})$
- Perform the following operation, and then simplify, if possible.
 $\frac{1}{4} + (-\frac{4}{9})$
- Add the following mixed numbers.
 $7\frac{1}{4} + 4\frac{3}{5}$
- Perform the following operation, and then simplify, if possible.
 $\frac{1}{5} + \frac{3}{5}$
- Perform the following operation, and then simplify, if possible.
 $\frac{2}{7} + \frac{1}{9}$
- Subtract the following mixed numbers.
 $9\frac{2}{3} - 6\frac{3}{4}$
- Multiply. Write the answer in simplest form.
 $-\frac{1}{2} \times \frac{5}{8}$
- Multiply. Write the answer in simplest form.
 $-4\frac{4}{5} \times -1\frac{1}{10}$
- Multiply. Write the answer in simplest form.
 $3\frac{1}{7} \times \frac{11}{13}$
- Divide. Write the answer in simplest form.
 $\frac{5}{12} \div \frac{1}{2}$
- Divide. Write the answer in simplest form.
 $2\frac{1}{12} \div \frac{2}{15}$
- Divide. Write the answer in simplest form.
 $2\frac{1}{11} \div -4\frac{1}{3}$

23. Eden rode his bicycle $\frac{4}{9}$ mile from his house to the library. Then he rode $\frac{2}{9}$ mile from the library to the school. How far did Eden ride in all?

24. Angel mailed a letter on Monday morning. The letter traveled $1\frac{5}{8}$ miles on Monday. It traveled $4\frac{7}{11}$ miles more on Tuesday and reached its destination on Tuesday afternoon. How far did Angel's letter travel in all?

25. Planet A is $\frac{26}{27}$ light-year from Earth. Planet B is $\frac{19}{27}$ light-year from Earth. How much farther away is Planet A than Planet B from Earth?

26. Two students are taking a math test. After 5 minutes, one student is $\frac{2}{3}$ done and the other is $\frac{1}{6}$ done. How much ahead of the second student is the first?

27. Joshua donated $\frac{5}{16}$ of his paycheck to a local recreation program. His friend Jeffrey donated $1\frac{3}{4}$ times as much of his paycheck to his favorite charity. How much of his paycheck did Jeffrey donate?

28. A delayed train finally left the station at 2:00 P.M. The train traveled $\frac{5}{6}$ of the way and made its first stop. Then it traveled $\frac{1}{8}$ of the trip and made a second stop. What fraction of the total trip has the train traveled?

29. Yesterday, Raphael walked $7\frac{1}{4}$ miles from the swimming pool to the ice cream stand. It took him 6 hours. Today, he walked only $\frac{1}{4}$ of the way. How long did Raphael walk today?

Questions 30-31: Here are the results from the water balloon launch event on field day. The event took place on the lacrosse field. The distance the water balloon was launched was measured as a portion of the field.

Name	Part of the Lacrosse Field
Stan	0.4
Judy	$\frac{3}{7}$
Gayle	0.25
Pat	$\frac{3}{8}$
Keith	$\frac{1}{3}$
Frank	0.28

30. Who launched the water balloon the farthest on the lacrosse field?

31. Whose water balloon landed between Gayle's and Pat's?