

Math 7 Unit 2 Pretest**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- _____ 1. Which fraction is greater than $\frac{3}{8}$?
- a. $\frac{1}{8}$ b. $\frac{1}{4}$ c. $\frac{3}{4}$ d. $\frac{6}{16}$
- _____ 2. Identify which of the statements is true.
- a. $-36.5 > -39.07$ c. $-0.4 > -0.004$
b. $-8.5329 > -8.145$ d. $-2.6 > 2.521$

Short Answer

3. Write the fraction $\frac{22}{33}$ in simplest form.
4. Matt conducted a survey to determine his classmates' favorite professional baseball team. After polling 48 classmates, Matt arranged his data in the table below.

Favorite Baseball Team

Team	Number of Students
Atlanta Braves	3
Chicago Cubs	8
Colorado Rockies	1
L.A. Dodgers	3
New York Mets	5
Philadelphia Phillies	6
Pittsburgh Pirates	10
Boston Red Sox	8
Texas Rangers	4

What fraction of the people that Matt surveyed named the Philadelphia Phillies or the Pittsburgh Pirates as their favorite team? Write the fraction in simplest form.

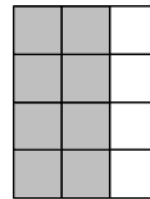
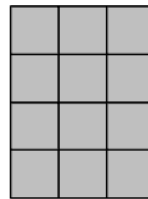
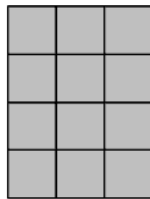
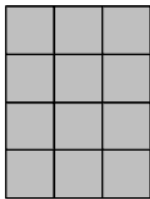
Name: _____

ID: A

5. Four students took a test this week. The results are shown in the table below. Who got the highest test score?

Student	Subject	Number of Questions Correct	Total Number of Questions
Tamisha	Social Studies	30	40
Theo	Math	24	30
Jolon	Science	38	50
Mario	English	19	25

6. Write $5\frac{2}{9}$ as an improper fraction.
7. Write $\frac{43}{8}$ as a whole or mixed number in simplest form.
8. Write a mixed number and an improper fraction for the model below.



Write the fraction as a decimal.

9. $\frac{3}{16}$
10. $\frac{8}{33}$

Compare. Use $<$, $>$, or $=$.

11. $\frac{4}{7}$ \blacksquare $\frac{2}{3}$

12. $-\frac{3}{5}$ \blacksquare $-\frac{2}{7}$

13. -9.3 \blacksquare 2.17

Order from least to greatest.

14. $-0.42, -0.\overline{65}, -\frac{8}{15}, \frac{2}{5}$

15. $0.13, 0.38, -0.75, \frac{1}{6}$

16. $\frac{8}{10}, \frac{1}{9}, \frac{5}{8}, \frac{2}{10}$

17. Write 1.08 as a mixed number or fraction in simplest form.

Name: _____

ID: A

18. Identify which numbers are rational and irrational using an R or an I.

-87

40%

$2.\bar{6}$

5.28974581...

1.33333...

$\frac{5}{8}$

$-8\frac{1}{4}$

$\sqrt{16}$

$\sqrt{3}$