

4.1 – 4.2 Quiz Review Study Guide

State which decimal or fraction is greater.

1. 0.2, 0.025

2. -0.17 , -0.29

3. 0.56, 0.52

4. $5\frac{17}{30}$, $5\frac{4}{9}$

5. $-10\frac{1}{3}$, $-10\frac{2}{3}$

6. There were 6 girls and 18 boys in Mrs. Johnson's math class. Write the number of girls as a fraction of the number of boys. Then write the fraction as a decimal.

7. Ms. Rockwell surveyed her core 1 class and found that 12 out of the 30 students chose peaches as their favorite fruit and in her core 2 class 14 out of 32 chose strawberries as their favorite fruit. Write both as fractions or decimals. Which is greater?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

Write each fraction or mixed number as a decimal. Use bar notation if the decimal is a repeating decimal.

8. $6\frac{5}{6}$

9. $-\frac{2}{9}$

10. $\frac{1}{2}$

8. _____

9. _____

10. _____

Replace each  with $<$, $>$, or $=$ to make a true sentence.

11. $\frac{14}{20}$  $\frac{3}{5}$

12. $-\frac{2}{15}$  $-\frac{1}{6}$

11. _____

12. _____

Write the letter for the correct answer in the blank at the right.

13. What is $-\frac{2}{3}$ as a decimal?

A. -0.6 B. $-0.\overline{6}$ C. -2.3 D. -0.06

13. _____

14. What is $6\frac{3}{5}$ as a decimal?

F. 0.6

G. 6.35

H. $6.\bar{3}$

I. 6.6

14. _____

15. What is -0.225 as a fraction in simplest form?

A. $-\frac{9}{40}$

B. $\frac{22}{100}$

C. $\frac{1}{22}$

D. $-\frac{11}{50}$

15. _____

16. Which symbol makes $5\frac{3}{10}$ $5\frac{7}{25}$ a true sentence?

E. $>$

F. $<$

G. $=$

H. $\times$

16. _____

17. Which symbol makes $-\frac{5}{12}$ $-\frac{4}{9}$ a true sentence?

F. $>$

G. $<$

H. $=$

I. $\div$

17. _____

Order each set of number from least to greatest.

18. $\{-4.25, -4\frac{3}{50}, -4.3\}$

18. _____

19. $\{6.49, 6\frac{4}{9}, 6.4\%\}$

19. _____

20. $\{-0.21, -3\frac{7}{20}, -0.2, -\frac{4}{25}, -3.25\}$

20. _____