Fraction, Decimal, Percent Test – Part 2

1) Which is the fraction for 0.21?

    a) $\frac{1}{21}$ c) $\frac{21}{10}$

    b) $\frac{21}{100}$ d) $\frac{21}{1}$

2) Which is the decimal for $\frac{4}{5}$?

    f) 0.08   h) 0.8

    g) 0.45   j) 4.5

3) Percent is **always** out of _____ ?

    a) 10   c) 1,000

    b) 100   d) 10,000

4) Which is the fraction for 33%

    f) $\frac{33}{100}$ h) $\frac{33}{10}$

    g) $\frac{1}{3}$ j) $\frac{33}{1}$

5) Which is the percent for 1.67

    a) 167%   c) 16.7 %

    b) 0.0167%   d) 1670%

6) Of the students in sixth grade, $\frac{3}{5}$ pack their lunch. What percent of students pack their lunch?

    f) 70%   h) 60%

    g) 66.6%   j) 54%

7) There are 25 students performing in the holiday concert. Of the students, 11 are boys. What decimal represents the fraction of students that are boys?

    a) 0.44   c) 0.52

    b) 0.48   d) 0.56

8) It rained 40% of the days during Casey's vacation. What fraction of the days did it rain?

    f) $\frac{1}{2}$ h) $\frac{1}{40}$

    g) $\frac{1}{5}$ j) $\frac{40}{100}$

9) In a survey of 500 people, 31% said that they were afraid of flying. What decimal represents the number of people who said they were afraid of flying?

    a) 0.31   c) 3.01

    b) 3.1   d) 31

10) Brendan needs to answer 0.70 of the test questions correctly to pass the test. What percent is this?

    f) 7%   h) 7.01

    g) 70%   j) 700%

11) Larry ran $\frac{4}{5}$ of the way around the track before slowing down to a walk. What percent of the track did he run?

    a) 87%   c) 78%

    b) 80%   d) 45%

12) The school sold 0.28 of the books at the books at the book fair on the first day. What fraction of the books was sold the first day?

    f) $\frac{28}{100}$ h) $\frac{14}{25}$

    g) $\frac{2}{25}$ j) $\frac{1}{4}$

13) If 45% of the class are boys, what percent are girls?

    a) 35%   c) 55%

    b) 45%   d) 65%

14) Catherine jogged $\frac{2}{9}$ hour on her first day of training for the track team. What decimal represents the amount of time she spent jogging?

    f) 0.29 hour   h) 0.22 hour

    g) 0.2 hour   j) 0.02 hour
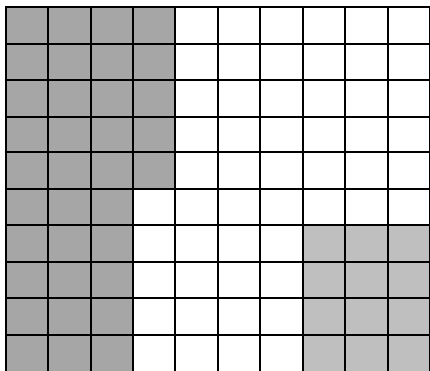
15) Which statement is true?

    a) $0.37 > 59\%$ c) $59\,\% < 0.53$

    b) $75\% > 0.8$ d) $0.095 > 5.9\%$

16) Which makes this a true statement
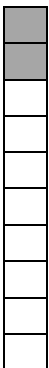
$$5\frac{4}{5} < \underline{\hspace{2cm}}$$

    f) $5\frac{3}{4}$ h) 5.8

    g) $\frac{50}{10}$ j) 590%

17) Which percent is represented by the shaded area?

    a) 35%   c) 47%

    b) 16%   d) 12%

18) Which percent is represented by the shaded area?

    f) 2%   h) 8%

    g) 20%   j) 80%

19) Which is the percent for $\frac{1}{3}$?

    a) 30%   c) 33.3%

    b) 3%   d) 13%

20) Which of the following is in ascending order?

    f)   0.8, $\frac{2}{3}$, 0.67, 70%   h) $\frac{2}{3}$, 0.67, 70% , 0.8

    g) 70%, $\frac{2}{3}$, 0.67, 0.8   j) 0.67 , 0.8, $\frac{2}{3}$, 70%

21) Which statement is true?

    a) 12 % = 0.12 = $\frac{12}{100}$ c) 12 % = 0.12 = $\frac{1}{12}$

    b) 12 % = 1.20 = $\frac{12}{100}$ d) 12 % = 1.20 = $\frac{1}{12}$

22) One brand of juice contains 0.05 of natural juice. Which is this decimal written as a percent?

    f) 0.05%   h) 0.5%

    g) 5%   j) 50%

23) Which decimal is equivalent to 50%?

a) 0.50   c) 0.05

b) 0.20   d) 0.02

24) Which statement is **false**?

f) 0.7% = 0.7   h) 0.07% = 0.0007

g) 7% = 0.07   j) 700% = 7

25) Which of the following is in **descending** order?

a) $\frac{3}{4}$, 85%, 0.71, $\frac{4}{5}$ c) 85%, $\frac{3}{4}$, 0.71, $\frac{4}{5}$

b) 85%, $\frac{4}{5}$, $\frac{3}{4}$, 0.71   d) 0.71, 85%, $\frac{4}{5}$, $\frac{3}{4}$