1. Marty bought a piece of material \( \frac{6}{8} \) yard long and a piece that was \( \frac{4}{8} \) yard long. Which statement is TRUE?

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A. \( \frac{6}{8} < \frac{4}{8} \)  
B. \( \frac{6}{8} > \frac{4}{8} \)  
C. \( \frac{4}{8} > \frac{4}{8} \)  
D. \( \frac{4}{8} = \frac{4}{8} \)

2. Compare. Which symbol makes the statement TRUE?

\( \frac{4}{6} \) \( \frac{5}{6} \)

A. \( < \)  
B. \( > \)  
C. \( = \)  
D. \( + \)
3 In reading class, Phillip read \( \frac{3}{8} \) of a book. Alicia read \( \frac{4}{8} \) of the same book. The fraction strips below can be used to model who read more.

\[ \begin{array}{c}
\frac{3}{8} \\
\frac{1}{2}
\end{array} \quad \begin{array}{c}
\frac{4}{8} \\
\frac{1}{2}
\end{array} \]

Circle the symbol that makes the comparison true.

A <  
B >  
C =  
D –

4 Compare. Which symbol makes the statement TRUE?

\[ \begin{array}{c}
\frac{1}{8} \\
\frac{1}{2}
\end{array} \]

A <  
B >  
C =  
D +
5. Pot pie A is cut into eighths. Pot pie B is cut into fourths. The two pot pies are the same size. Mark has one slice from Pot pie A. Sammy has one slice from Pot pie B. Who has the largest slice?

![Fraction Table]

A. Mark
B. Sammy
C. All the pieces are the same size.
D. Not enough information given

6. Compare. Which symbol makes the statement true?

\[
\frac{4}{6} \quad \_ \quad \frac{4}{5}
\]

A. <
B. >
C. –
D. +

7. Which of the following fractions is closer to 1 than to 0?

\[
\frac{4}{8}, \frac{1}{3}, \frac{4}{8}, \frac{1}{4}
\]

A. \(\frac{1}{4}\)
B. \(\frac{1}{3}\)
C. \(\frac{4}{8}\)
D. \(\frac{4}{6}\)
8 Which fraction is greatest?

A \( \frac{1}{2} \)
B \( \frac{1}{3} \)
C \( \frac{1}{4} \)
D \( \frac{1}{5} \)

9 Which fraction is least?

A \( \frac{2}{3} \)
B \( \frac{2}{5} \)
C \( \frac{2}{10} \)
D \( \frac{2}{8} \)

10 Which of the following fractions is closer to 1 than to 0?

\( \frac{5}{6}, \frac{1}{3}, \frac{2}{4}, \frac{3}{3} \)

A \( \frac{1}{6} \)
B \( \frac{1}{3} \)
C \( \frac{2}{4} \)
D \( \frac{5}{6} \)
11 Compare. Use the number lines. Which symbol makes the statement TRUE?

\[
\begin{align*}
\text{A} & \quad < \\
\text{B} & \quad > \\
\text{C} & \quad = \\
\text{D} & \quad \leq
\end{align*}
\]

12 Some friends are sharing a pie. Bill ate \(\frac{2}{8}\) of the pie. Rachel ate \(\frac{3}{8}\) of the pie. Millie ate \(\frac{2}{8}\) of the pie. Jon ate \(\frac{1}{8}\) of the pie. Who ate the most pie?

\[
\begin{align*}
\text{A} & \quad \text{Bill} \\
\text{B} & \quad \text{Rachel} \\
\text{C} & \quad \text{Millie} \\
\text{D} & \quad \text{Jon}
\end{align*}
\]
13 Compare. Use the number lines. Which symbol makes the statement TRUE?

\[
\begin{align*}
\frac{3}{4} &< \frac{5}{6} \\
A &< \\
B &> \\
C &= \\
D &\leq
\end{align*}
\]

14 Use the number line to find which symbol makes the comparison true.

\[
\begin{align*}
\frac{3}{4} &> \frac{1}{4} \\
A &> \\
B &< \\
C &= \\
D &÷
\end{align*}
\]
15. Complete the equivalent fraction.

\[ \frac{2}{6} = \frac{?}{12} \]

A. 1
B. 2
C. 3
D. 4

16. What fraction is equivalent to \( \frac{3}{6} \)?

\[ \frac{1}{3} \]

A. \( \frac{2}{3} \)
B. \( \frac{6}{12} \)
C. \( \frac{1}{3} \)
D. \( \frac{8}{12} \)
17 What fraction is equivalent to \( \frac{2}{3} \)?

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A \( \frac{4}{6} \)

B \( \frac{5}{6} \)

C \( \frac{9}{12} \)

D \( \frac{3}{3} \)

18 The rectangle shows \( \frac{3}{4} \) shaded.

Which fraction is equal to \( \frac{3}{4} \)?

A \( \frac{1}{4} \)

B \( \frac{6}{6} \)

C \( \frac{2}{6} \)

D \( \frac{9}{6} \)
19. What is the missing number?

\[ \frac{3}{12} = \frac{?}{3} \]

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A 1  
B 2  
C 3  
D 4

20. Which fraction is equivalent to \( \frac{5}{6} \)?

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A \( \frac{2}{3} \)  
B \( \frac{6}{12} \)  
C \( \frac{1}{3} \)  
D \( \frac{10}{12} \)
21. Choose an equivalent fraction to complete the number sentence.

\[
\frac{3}{4} \quad ?
\]

A. \(\frac{5}{8}\)
B. \(\frac{6}{8}\)
C. \(\frac{7}{8}\)
D. 1

22. Look at the number lines below.

Which of the fractions on the bottom number line is equal to \(\frac{1}{2}\)?

A. \(\frac{1}{4}\)
B. \(\frac{2}{4}\)
C. \(\frac{3}{4}\)
D. All are equal to \(\frac{1}{2}\)
23 Which shows a fraction name for 4?

A \( \frac{1}{2} \)  
B \( \frac{2}{8} \)  
C \( \frac{8}{4} \)  
D \( \frac{8}{2} \)

24 Which shows a fraction name for 3?

A \( \frac{1}{3} \)  
B \( \frac{2}{6} \)  
C \( \frac{6}{2} \)  
D \( \frac{8}{2} \)

25 Which fraction is NOT equivalent to \( \frac{4}{3} \)?

A \( \frac{1}{2} \)  
B \( \frac{2}{8} \)  
C \( \frac{3}{6} \)  
D \( \frac{2}{4} \)
26 Which shows fractions in order from greatest to least?

A \[
\frac{3}{4}, \frac{4}{8}, \frac{2}{6}
\]

B \[
\frac{1}{8}, \frac{4}{4}, \frac{2}{6}
\]

C \[
\frac{3}{4}, \frac{5}{6}, \frac{2}{4}
\]

D \[
\frac{2}{4}, \frac{3}{6}, \frac{4}{8}
\]

27 Which shows fractions in order from least to greatest?

A \[
\frac{1}{2}, \frac{1}{3}, \frac{1}{5}, \frac{5}{6}, \frac{1}{3}
\]

B \[
\frac{1}{3}, \frac{1}{6}, \frac{1}{2}, \frac{1}{5}
\]

C \[
\frac{1}{3}, \frac{2}{5}, \frac{1}{6}, \frac{1}{3}
\]

D \[
\frac{5}{6}, \frac{1}{3}, \frac{1}{2}, \frac{1}{3}
\]

28 Antoine is putting a fence around a square garden. The garden is 18 feet long on each side. He needs to put a post at each corner and every 9 feet along each side. How many posts does Antoine need?

A 6
B 8
C 9
D 10
29

Alice and Edgar want to equally share \( \frac{2}{8} \) feet of string. What amount of string should each person get?

A \( \frac{2}{3} \)
B \( \frac{4}{6} \)
C \( \frac{1}{2} \)
D \( \frac{1}{8} \)