

- 1 Which two fractions are equivalent to $\frac{2}{3}$?

- A $\frac{10}{15}, \frac{16}{24}$
- B $\frac{20}{30}, \frac{35}{45}$
- C $\frac{14}{18}, \frac{25}{30}$
- D $\frac{24}{30}, \frac{22}{33}$

- 2 Write the fraction in simplest form.

$$\frac{12}{18}$$

- A $\frac{12}{18}$
- B $\frac{4}{6}$
- C $\frac{1}{6}$
- D $\frac{2}{3}$

- 3 Which of the following is $\frac{16}{60}$ in simplest form?

- A $\frac{3}{10}$
- B $\frac{2}{5}$
- C $\frac{4}{15}$
- D $\frac{8}{30}$

- 4 There are 42 bananas in a bag. If Kanti takes out 7 of the bananas, what fraction of the bananas does she take out of the bag?

- A $\frac{1}{42}$
- B $\frac{1}{3}$
- C $\frac{1}{7}$
- D $\frac{1}{6}$

- 5 Write the fraction in simplest form.

$$\frac{9}{12}$$

- A $\frac{1}{2}$
- B $\frac{3}{6}$
- C $\frac{3}{4}$
- D $\frac{5}{6}$

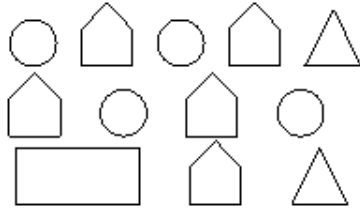
- 6 Which of the following pairs of numbers has a least common multiple of 40?

- A 2 and 5
- B 4 and 5
- C 4 and 10
- D 5 and 8

- 7 What is the least common demonimator for $\frac{1}{6}$ and $\frac{3}{8}$?

- A 24
- B 14
- C 2
- D 32

- 8 Of the shapes shown, $\frac{1}{3}$ are circles and $\frac{1}{12}$ are rectangles. What fraction of the shapes are either circles or rectangles?



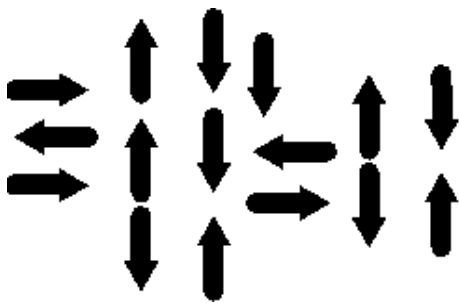
- A $\frac{1}{3}$
 B $\frac{3}{4}$
 C $\frac{5}{12}$
 D $\frac{2}{15}$
- 9 Nicola and his sister hiked along the Lakeshore Trail and the McKinnon Trail. The Lakeshore Trail is $\frac{1}{4}$ mile long and the McKinnon Trail is $\frac{9}{16}$ mile long. How far did they walk along the trails?

- A $\frac{5}{8}$ mile
 B $\frac{13}{16}$ mile
 C $\frac{1}{2}$ mile
 D $\frac{5}{16}$ mile

- 10 A contractor was paving a driveway. He mixed $\frac{4}{7}$ ton of sand and $\frac{1}{3}$ ton of concrete. How much did the mixture weigh?

A $\frac{1}{4}$ ton
 B $\frac{2}{5}$ ton
 C $\frac{5}{7}$ ton
 D $\frac{19}{21}$ ton

- 11 Of the shapes shown, $\frac{3}{8}$ of the arrows are pointing downward, and $\frac{5}{16}$ of the arrows are pointing upward. What fraction of the arrows are pointing either downward or upward?



A $\frac{1}{16}$
 B $\frac{1}{2}$
 C $\frac{5}{8}$
 D $\frac{11}{16}$

- 12 A painter is painting a house. He mixed $\frac{5}{9}$ gallon of white paint and $\frac{1}{6}$ gallon of blue paint. How many gallons was the mixture in all?

A $\frac{2}{5}$ gallon
 B $\frac{4}{5}$ gallon
 C $\frac{7}{18}$ gallon
 D $\frac{13}{18}$ gallon

- 13 Glenn made a loaf of banana nut bread for a picnic. He used $\frac{1}{2}$ cup fewer nuts than in the recipe. If the recipe called for $\frac{5}{6}$ cup of nuts, what amount of nuts did Glenn use?
- A $\frac{1}{3}$ cup
 - B $\frac{5}{6}$ cup
 - C 1 cup
 - D $\frac{4}{3}$ cups
- 14 Bart made potato salad for a picnic. He used $\frac{1}{4}$ cup fewer onions than the recipe called for. If the recipe called for $\frac{7}{8}$ cup of onions, what amount of onions did Bart use?
- A $\frac{5}{8}$ cup
 - B $\frac{3}{8}$ cup
 - C $1\frac{1}{2}$ cups
 - D $\frac{3}{4}$ cup
- 15 Cleo and Alexi entered a race to see who could bike the farthest in 3 minutes. Cleo biked $\frac{5}{6}$ mile. Alexi biked $\frac{7}{10}$ mile. How much farther did Cleo bike?
- A $\frac{2}{15}$ mile
 - B $\frac{2}{5}$ mile
 - C $\frac{1}{2}$ mile
 - D $\frac{3}{4}$ mile

- 16 Janice needs to read $\frac{2}{3}$ of her book by Friday. So far she has read $\frac{1}{2}$ of it. What part of the book must she still read by Friday?
- A $\frac{1}{6}$
B $\frac{5}{12}$
C $\frac{2}{5}$
D $\frac{1}{3}$
- 17 Olivia hopes to complete $\frac{4}{5}$ of the levels of her computer game by the end of the week. So far, she has completed $\frac{2}{3}$ of the levels. What part of the levels must she still complete to meet her goal?
- A $\frac{2}{15}$
B $\frac{1}{3}$
C $\frac{1}{5}$
D $\frac{7}{30}$
- 18 Jenny is transferring addresses to her new address book. Last week, she transferred $\frac{1}{3}$ of the addresses. This week, she transferred another $\frac{1}{8}$ of the addresses. How many more addresses did she transfer last week?
- A $\frac{1}{5}$
B $\frac{5}{12}$
C $\frac{5}{24}$
D $\frac{11}{12}$

- 19 Gayle used $\frac{1}{3}$ of a cup of raisins in her cookies, and Jimmy used $\frac{3}{4}$ of a cup of raisins in his cookies. How many more raisins did Jimmy use than Gayle? Write the answer in simplest form.

- A $\frac{1}{4}$ cup
- B $\frac{5}{6}$ cup
- C $\frac{1}{2}$ cup
- D $\frac{5}{12}$ cup

- 20 Katrina read for $\frac{1}{6}$ of an hour on Saturday and $\frac{2}{3}$ of an hour on Sunday. In simplest form, how much time did Katrina read altogether?

- A $\frac{5}{6}$ hour
- B $\frac{3}{9}$ hour
- C $\frac{5}{12}$ hour
- D $\frac{2}{3}$ hour