socrative

Fractions

100% (20/20)

✓ **1.** A common denominator can be found for any group of fractions.
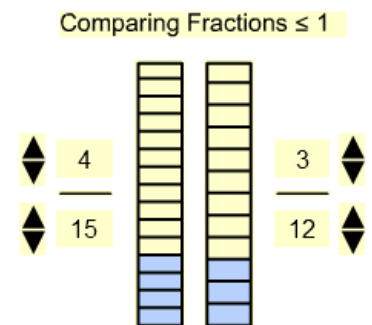
   T True

   F False

numerators

$$\frac{2}{5} + \frac{1}{5}$$

denominators

These denominators are common (the same)
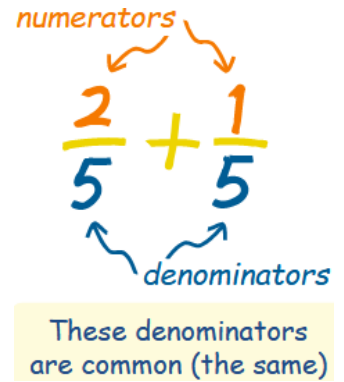
✓ **2.** There is no common denominator between 1 & 50 for this group of fractions: 3/7, 1/5 & 1/2.

   T True

   F False

✓ **3.** 4/15 < 3/12.

   T True

   F False

Comparing Fractions ≤ 1

$$\frac{4}{15}$$ $$\frac{3}{12}$$

✓ **4.** The smallest in the group of fractions: 3/7, 7/16 & 11/24 is 11/24.

   T True

   F False

✓ **5.** The product of 3 x 3/11 is 9/33.

   T True

   F False

$$6 \times 3 = 18$$

Factor   Factor   Product

6. The sum of 11/10 + 1/2 is greater than: 1 and 2/3.

T True

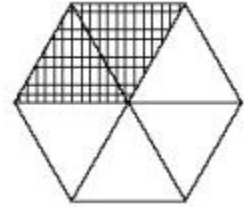**F** False

$8 + 3 = 11$

Addend Addend Sum

7. What fraction of the hexagon is covered?

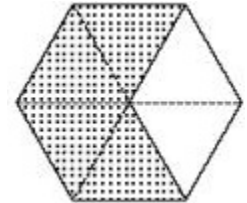**A** 1/3

B 2/3

C 1/6

D 1/12

8. What fraction of the hexagon is NOT covered?

A 1/6

B 1/3

C 2/3

D 5/6

9. What is the sum of the addition sentence representing the diagram?
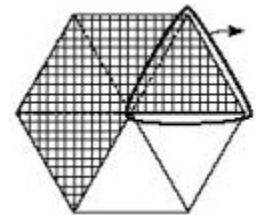
A 2 1/6

B 2 2/3

C 2 1/3

D 2 1/2
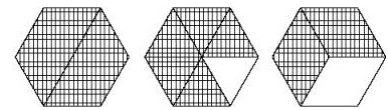
10. What is the subtraction sentence representing the diagram?

A 1/3 - 1/6

B 2/3 - 1/3

C 2/3 - 1/6

D 1/2 - 1/4

11. Which fraction is the smallest in this group of fractions: 2/5, 5/12, 13/ 30 & 7/15?
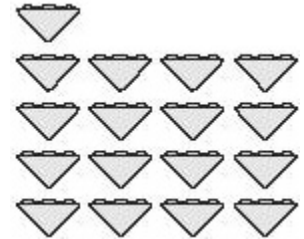
A 2/5

B 5/12

C 13/30

D 7/15

12. Which fraction is the greatest in this group of fractions: 1 3/4, 1 11/14, 8/7 & 51/28?

- **A** 1 3/4
- **B** 1 11/14
- **C** 8/7
- **D** 51/28

13. 6 slices of cake = 1 whole cake. How many whole cakes are there in the diagram?

- **A** 1
- **B** 2
- **C** 3
- **D** 4

14. 9/3, 6/1 and 12/8 are examples of what?

- **A** multiples
- **B** mixed fractions
- **C** improper fractions
- **D** The number of cookies you're allowed after finishing your homework.

15. 1 and 2/4, 4 and 3/4, & 6 and 2/6 are examples of what?

- **A** denominator
- **B** simplified fraction
- **C** numerator
- **D** mixed number

16. 12 and 24 are examples of this for the fractions 1/2, 5/6 and 2/3.

- **A** denominators
- **B** common denominators
- **C** multiples
- **D** equivalents

17. 3 is the part of the fraction for fractions such as: 3/6, 3/10 and 3/333.

A numerator

B division

C improper fraction

D common numerator

18. Find the value of x.   1/6 = x/72

A 7

B 11

C 12

D 72

19. What is the simplified fraction for this situation? 12 shiny motorcycles out of a fleet of 36.

A 2/5

B 1/3

C 4/5

D Go ask Farmer Brown.

20. From a box of candy bars, Mr. F. takes 3/14 of the box, the principal takes 11/28 and the Tooth Fairy takes 2/7. How many bars remain in the box?

A 3

B 5

C 0

D The box is neither half empty, nor half full. It's just a box doing it's best, trying to survive in a cruel, cruel world.