Name _____

Date _____

Fractions

Score _____

1. A common denominator can be found for any group of fractions.

(T) True

(F) False

numerators

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

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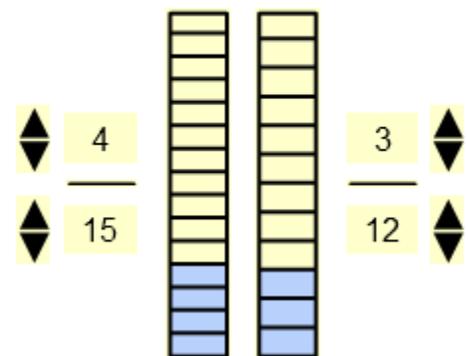
These denominators are common (the same)
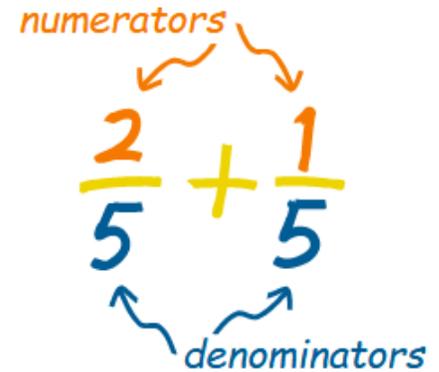
2. There is **no common denominator** between 1 & 50 for this group of fractions: 3/7, 1/5 & 1/2.

(T) True

(F) False

3. 4/15 < 3/12.

(T) True

(F) False

Comparing Fractions ≤ 1

$$\frac{4}{15}$$

$$\frac{3}{12}$$

4. The <u>smallest </u>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
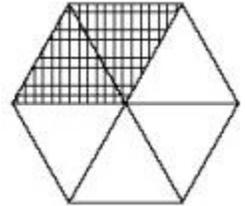
8. What fraction of the hexagon is NOT covered?

(A) 1/6

(B) 1/3

(C) 2/3

(D) 5/6
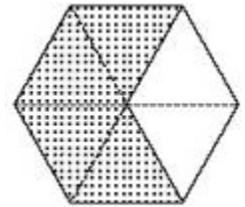
9.
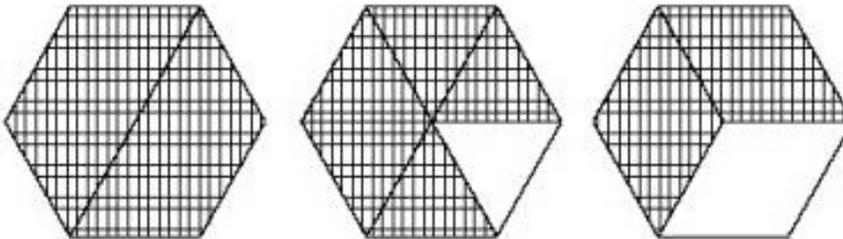
What is **the sum** of the addition sentence representing the diagram?

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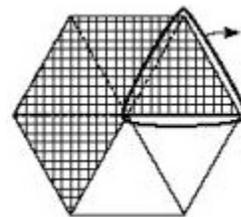
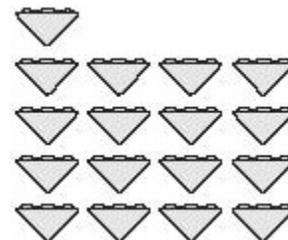**11.** Which fraction is **the smallest** in this group of fractions: 2/5, 5/12, 13/ 30 & 7/15?

(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.