Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ I am PROUD OF MYSELF for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Math 6 Fraction Practice Test (Chapter 4)**

**Match the Vocab with it’s definition.**

\_\_\_\_\_ 1.) Sum **A**. The answer to a division problem.

\_\_\_\_\_ 2.) Quotient **B**. The bottom number of a fraction.

\_\_\_\_\_ 3.) Denominator **C**. The answer to an addition problem.

\_\_\_\_\_ 4.) Product **D**. The top number of a fraction.

\_\_\_\_\_ 5.) Numerator **E**. The answer to a subtraction problem.

\_\_\_\_\_ 6.) Difference **F**. The answer to a multiplication problem

**Directions:** Find the sum or difference. Simplify your final answer. **SHOW ALL WORK**

|  |  |  |
| --- | --- | --- |
| 7.) $\frac{2}{3}$ + $\frac{7}{10}$Answer: \_\_\_\_\_\_\_\_\_\_\_\_ | 8.) $\frac{6}{7}$ + $\frac{9}{14}$Answer: \_\_\_\_\_\_\_\_\_\_\_\_ | 9.) 7$\frac{1}{2}$ + 8$\frac{3}{4}$Answer: \_\_\_\_\_\_\_\_\_\_\_\_ |
| 10.) $\frac{5}{6}$ - $\frac{1}{3}$Answer: \_\_\_\_\_\_\_\_\_\_\_\_ | 11.) $\frac{7}{10}$ - $\frac{1}{4}$Answer: \_\_\_\_\_\_\_\_\_\_\_\_ | 12.) $4\frac{13}{20}$ - $ 3\frac{3}{4}$Answer: \_\_\_\_\_\_\_\_\_\_\_\_ |

13.) Find the perimeter (distance around a shape) of the triangle. Show all work and don’t forget your label!

1 $\frac{5}{6}$ in

2 $\frac{3}{8}$ in

2 $\frac{3}{4}$ in

 Answer with label: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Match the Vocab with it’s definition.**

\_\_\_\_\_ 14.) Improper Fraction **A**. Bringing an answer to lowest terms.

\_\_\_\_\_ 15.) Mixed Number **B**. A fraction where the numerator is larger than the denominator.

\_\_\_\_\_ 16.) Simplify **C**. A number written as a whole number and a proper fraction.

\_\_\_\_\_ 17.) Reciprocal **D**. Any two numbers that have a product of 1.

**Directions:** Find the product or quotient. Simplify your final answer. **SHOW ALL WORK**

|  |  |  |
| --- | --- | --- |
| 18.) $\frac{5}{6}$ • $\frac{2}{10}$Answer: \_\_\_\_\_\_\_\_\_\_\_ | 19.) $\frac{5}{6}$ • 8Answer: \_\_\_\_\_\_\_\_\_\_\_ | 20.) 2$\frac{2}{5}$ • 4$\frac{7}{12}$Answer: \_\_\_\_\_\_\_\_\_\_\_ |
| 21.) 6 ÷ $\frac{1}{2}$Answer: \_\_\_\_\_\_\_\_\_\_\_ | 22.) $\frac{10}{21}$ ÷ $\frac{5}{7}$Answer: \_\_\_\_\_\_\_\_\_\_\_ | 23.) 4$\frac{2}{5}$ ÷ 2$\frac{3}{4}$Answer: \_\_\_\_\_\_\_\_\_\_\_ |

24.) The table below shows the rate at which a turtle travels in 1 hour. Use the information given to determine the distance a turtle travels in 4 $\frac{1}{2}$ hours? Show all work and don’t forget your label!

|  |  |
| --- | --- |
| **Distance in Miles** | **Time/Hours** |
| $$1\frac{3}{5}$$ | 1 |
| ? | 4 $\frac{1}{2}$ |

 Answer with label: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25.) A corn field that is $\frac{5}{6}$ of an acre is to be divided into 5 equal-sized areas. What is the size of each area? Show all work and don’t forget your label!

 Answer with label: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**26.** A small rectangular toy chest is $3\frac{1}{2}$ feet tall. A large rectangular toy chest is $1\frac{3}{7}$ times as big as the small chest. How tall is a large toy chest?



$$3\frac{1}{2}$$

 **A.** 4 feet **C.** $5\frac{1}{2}$ feet

 **B.** 5 feet **D.** 6 feet

**27.** Susan used $\frac{2}{7}$ of a half-gallon of milk. What fraction of a gallon of milk did she use?

**A.** $\frac{1}{14}$  **B.** $\frac{2}{7}$ **C.** $\frac{1}{7}$ **D.** $\frac{2}{17}$