**CH4 Review Sheet – Operations and Fractions**

 **1.** 31×$\frac{1}{8}$

 **2.** $\frac{11}{12}$ × $\frac{7}{8}$

 **3.** Mia is making costumes for a play. Each costume needs 3$\frac{7}{9}$ yards of velvet. She is making 6 costumes. About how much velvet does she need?

**What is the value of each expression in simplest form?**

 **4.** 15 × $\frac{1}{6}$

 **5.** $\frac{5}{8}$ × $\frac{8}{9}$

 **6.** 1$\frac{3}{5}$ × 3$\frac{1}{2}$

 **7.** Ms. Oliver sewed together a quilt that is 3$\frac{2}{3}$ feet long and 2$\frac{1}{4}$ feet wide. What is the area of her quilt?

 **8.** Use the *draw a diagram* strategy to solve. Corbin read $\frac{4}{7}$ of the pages in his book. He has 42 pages left to read. How many pages did he read already?



 **F.** 56 **G.** 84 **H.** 98 **I.** 147

 **9.** Joe has 12 cups of soup in a pot. If he pours $\frac{1}{4}$ cup of soup into each bowl, how many bowls will be used?

**1. \_\_\_\_\_\_\_\_\_\_\_\_**

**2. \_\_\_\_\_\_\_\_\_\_\_\_**

**3. \_\_\_\_\_\_\_\_\_\_\_\_**

**4. \_\_\_\_\_\_\_\_\_\_\_\_**

**5. \_\_\_\_\_\_\_\_\_\_\_\_**

**6. \_\_\_\_\_\_\_\_\_\_\_\_**

**7. \_\_\_\_\_\_\_\_\_\_\_\_**

**8. \_\_\_\_\_\_\_\_\_\_\_\_**

**9. \_\_\_\_\_\_\_\_\_\_\_\_**

**What is the value of each expression in simplest form?**

**10.** 10 $÷\frac{1}{6}$

**11.** 7 $÷\frac{3}{4}$

**12.** 7 ÷ 1 $\frac{1}{2}$

**13.** 2$\frac{5}{8}÷\frac{3}{4}$

**14.** 6$\frac{3}{4}÷$ 2$\frac{1}{4}$

**15.** Lyndsay has 3$\frac{3}{4}$ gallons of paint. She plans on using 1$\frac{1}{4}$ gallons on each room.
How many rooms will she be able to paint?

**16.** Find $\frac{2}{7}×$ 3$\frac{1}{2}$.

**17.** Find 4$\frac{1}{2}÷$ 1$\frac{5}{8}$.

**18.** Six pipes are laid end to end to form a row. Each pipe is 9$\frac{1}{3}$ inches long. How long is the row of pipes, in feet?

**19.** A box contains 1$\frac{3}{4}$ pounds of beans. How many ounces of beans are in the box?

**20.** The area of a closet floor measures 3 yards by 3 yards and each custom tile that makes up the flooring is 1$\frac{1}{2}$ square feet. How many tiles are needed to cover the floor?

**10. \_\_\_\_\_\_\_\_\_\_\_**

**11. \_\_\_\_\_\_\_\_\_\_\_**

**12. \_\_\_\_\_\_\_\_\_\_\_**

**13. \_\_\_\_\_\_\_\_\_\_\_**

**14. \_\_\_\_\_\_\_\_\_\_\_**

**15. \_\_\_\_\_\_\_\_\_\_\_**

**16. \_\_\_\_\_\_\_\_\_\_\_**

**17. \_\_\_\_\_\_\_\_\_\_\_**

**18. \_\_\_\_\_\_\_\_\_\_\_**

**19. \_\_\_\_\_\_\_\_\_\_\_**

**20. \_\_\_\_\_\_\_\_\_\_\_**