

## Division with Cuisenaire Rods

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1. Compute the following.

(a) Blue  $\div$  Light Green = \_\_\_\_\_

(b) Brown  $\div$  Red = \_\_\_\_\_

(c) Dark Green  $\div$  Purple = \_\_\_\_\_

(d) Black  $\div$  Yellow = \_\_\_\_\_

(e) Orange  $\div$  Light Green = \_\_\_\_\_

(f) Blue  $\div$  Purple = \_\_\_\_\_

(g) Red  $\div$  Yellow = \_\_\_\_\_

(h) Light Green  $\div$  Dark Green = \_\_\_\_\_

(i) Purple  $\div$  (Orange + Red) = \_\_\_\_\_

2. Let Orange + Red represent the whole. Find a colored rod to represent each length involved in the given problem. Then use them to find the quotient.

(a)  $\frac{5}{6} \div \frac{1}{4} =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_

(b)  $\frac{3}{4} \div \frac{1}{6} =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_

(c)  $\frac{2}{3} \div \frac{5}{6} =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_

(d)  $\frac{5}{12} \div \frac{2}{3} =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_

For the last two you will have to use more than one colored rod for some of the lengths.

(e)  $1\frac{1}{4} \div \frac{1}{3} =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_

(f)  $\frac{1}{2} \div 1\frac{3}{4} =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_