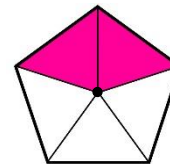


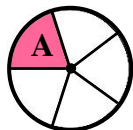
Check Your Answers on Understanding Fractions!

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

A fraction is a ratio that compares the *part* to the *whole*; there are 2 shaded sections (parts) out of a total of 5 sections (parts). Note that each section (part) must be congruent (the same shape and the same size).



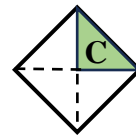
2. C



The circle is divided into 5 congruent sections, not 4.



Sections are not congruent.



1 part shaded out of 4 possible congruent parts



Although there are 4 tick marks, there are only 3 parts.

3.



Yes! 2 shaded sections out of 3 congruent parts!!

4. $\frac{7}{10}$

Sally ate 3 cookies so 7 remain. Remember a fraction compares the part (7) to the whole (10).

5. $\frac{5}{6}$, $\frac{7}{4}$, $\frac{9}{2}$

The number above the fraction bar is the *numerator*; the number below the fraction bar is the *denominator*. The fraction bar indicates that the numerator is divided by the denominator. These are the fractions with numbers in the numerator larger than 4.

6. $\frac{4}{3}$, $\frac{5}{2}$

These are the fractions that have a smaller number in the denominator than in the numerator.

7. 5 $(\frac{7}{6}, \frac{9}{5}, \frac{11}{4}, \frac{13}{3}, \frac{15}{2})$ If the numerator is larger than the denominator, the fraction is *improper*.

8. Yes (although not yet simplified) $\frac{150}{200}$ is a *proper* fraction; the numerator is smaller than the denominator.

9. $\frac{3}{4}$

Because the choices indicate that there are the same number of parts (3 in each numerator), the largest fraction would be the one divided into the fewest parts (from these choices, 4).

10. $\frac{1}{20}$, $\frac{1}{12}$, $\frac{1}{8}$, $\frac{1}{3}$ Picture any “whole” divided into the number of parts indicated by those denominators. Now you see it!

Perfect score? Yes! You’ve got this!! You’re ready to move on to the next section!!!