

Area of a rectangle involving fractions: Worksheet 4.3

Name Date Score

1. A park is $\frac{2}{5}$ mile in length and $\frac{2}{3}$ mile in width. What is the area of the park?
2. A farm is $\frac{4}{7}$ km in length and $\frac{3}{5}$ km in width. What is the area of the plot?
3. A lake is $\frac{2}{5}$ mile in length and $\frac{3}{4}$ mile in width. What is the area of the lake?
4. A pond is $\frac{3}{7}$ mile in length and $\frac{2}{3}$ mile in width. What is the area of the pond?
5. A table top is $\frac{4}{5}$ yard in length and $\frac{2}{3}$ yard in width. What is the area of the table top?
6. A window had a length of $\frac{8}{9}$ yard and a width of $\frac{5}{8}$ yard. What is the area of the window?
7. A piece of plywood has a length of $\frac{8}{11}$ ft, with a width of $\frac{8}{9}$ ft. What is the area of the plywood?
8. An envelope from the post office is $\frac{3}{5}$ ft long with a width of $\frac{1}{2}$ ft. What is the area of the envelope?
9. An island in the Pacific Ocean was $\frac{10}{13}$ miles wide and $\frac{10}{11}$ miles long. What is the area of the island?
10. A bakery cookie sheet was $\frac{11}{14}$ inches wide and $\frac{7}{9}$ inches long. What is the area of their cookie sheet?



Solutions: Worksheet 4.3

1. Area A = $\frac{4}{15}$ square miles
2. Area A = $\frac{12}{35}$ square km
3. Area A = $\frac{3}{10}$ square miles
4. Area A = $\frac{2}{7}$ square miles
5. Area A = $\frac{8}{15}$ square yards
6. Area A = $\frac{5}{9}$ square yards
7. Area A = $\frac{64}{99}$ square feet
8. Area A = $\frac{3}{10}$ square feet
9. Area A = $\frac{100}{143}$ square miles
10. Area A = $\frac{77}{126}$ square inches

