

Area of a rectangle involving fractions: Worksheet 4.2

Name Date Score

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



Solutions: Worksheet 4.2

1. Area A = $\frac{1}{2}$ square miles
2. Area A = $\frac{3}{5}$ square km
3. Area A = $\frac{3}{20}$ square miles
4. Area A = $\frac{1}{4}$ square miles
5. Area A = $\frac{8}{25}$ square yards
6. Area A = $\frac{1}{2}$ square yards
7. Area A = $\frac{49}{99}$ square feet
8. Area A = $\frac{1}{4}$ square feet
9. Area A = $\frac{81}{143}$ square miles
10. Area A = $\frac{5}{14}$ square inches

