



NAME _____

DATE _____

TIME _____

Fraction-Of Problems

Solve each fraction-of problem. Include a unit in your answer. Then write a multiplication number model for each problem.



- ① Suri made 6 gallons of lemonade to sell at her lemonade stand. In one day she sold $\frac{2}{3}$ of the lemonade. How much lemonade did she sell?

Answer: 4 gallons

Number model: $\frac{2}{3} * 6 = 4$

- ② Antonio planned to read 15 books over the summer for the library's summer reading challenge. At the end of July he had read $\frac{4}{5}$ of the books. How many books had he read?

Answer: 12 books

Number model: $\frac{4}{5} * 15 = 12$

- ③ Elliot is riding in a 100-mile bike race to raise money for a charity. So far he has completed $\frac{7}{10}$ of the race. How far has Elliot biked?

Answer: 70 miles

Number model: $\frac{7}{10} * 100 = 70$

- ④ Erica's garden has an area of 24 square feet. She will use $\frac{3}{4}$ of the space for vegetables and $\frac{1}{4}$ of the space for flowers. How much space will she use for vegetables?

Answer: 18 square feet

Number model: $\frac{3}{4} * 24 = 18$

Practice

Write $<$, $>$, or $=$ to make true number sentences.

⑤ 0.3 $<$ 0.32

⑥ 0.428 $<$ 0.43

⑦ 1.68 $=$ 1.680

⑧ 2.988 $>$ 1.989

⑨ 0.06 $>$ 0.006

⑩ 5.64 $>$ 5.46