

Word problems

Solve each word problem. Show your thinking.

- a. A playground has an area of 91 yd². It is 7 yd wide. A garden is being created along its entire length. What will be the length of the garden?
- b. Three friends rent a car for \$558 plus an insurance fee of \$30. How much is each equal share of the total cost?

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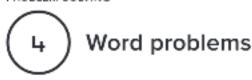
- c. Jerome is buying a plano for \$3,360 and sheets of music for \$24. He is paying the total cost in 8 equal amounts. How much is each payment?
- **d.** Three people each have $\frac{2}{8}$ of a plate of fruit. How much fruit do they eat in total?

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- e. Dorothy needs peanuts, almonds, pecans, and cashews. She buys ⁵/₈ of a pound of each type. What is the total weight of all the nuts?
- f. Susan is placing 5 books on her bookshelf. Each book is 3 ³/₁₀ inches wide. How wide will all the books be?

inches



Answers will vary.

Solve each word problem. Show your thinking.

- a. A playground has an area of 91 yd2. It is 7 yd wide. A garden is being created along its entire length. What will be the length of the garden?
- b. Three friends rent a car for \$558 plus an insurance fee of \$30. How much is each equal share of the total cost?

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- Jerome is buying a piano for \$3,360 and sheets of music for \$24. He is paying the total cost in 8 equal amounts. How much is each payment?
- **d.** Three people each have $\frac{2}{8}$ of a plate of fruit. How much fruit do they eat in total?

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- e. Dorothy needs peanuts, almonds, pecans, and cashews. She buys $\frac{5}{8}$ of a pound of each type. What is the total weight of all the nuts?
- Susan is placing 5 books on her bookshelf. Each book is $3\frac{3}{10}$ inches wide. How wide will all the books be?

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