Lesson 27: One-Step Equations—Multiplication and Division

Problem Set

1. Use tape diagrams to calculate the solution of . Then, check your answer.
2. Solve algebraically. Then, check your answer.
3. Use tape diagrams to calculate the solution of. Then, check your answer.
4. Solve algebraically. Then, check your answer.
5. Write a division equation that has a solution of . Prove that your solution is correct by using tape diagrams.
6. Write a multiplication equation that has a solution of . Solve the equation algebraically to prove that your solution is correct.
7. When solving equations algebraically, Meghan and Meredith each got a different solution. Who is correct? Why did the other person not get the correct answer?

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| **Meghan** | **Meredith** |
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