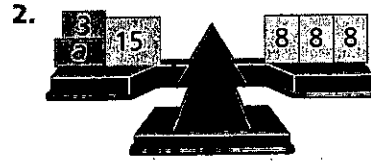
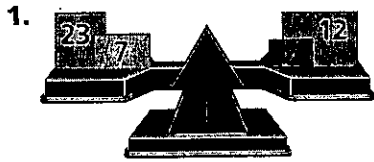


Name: _____

4-3 Additional Practice

Scan for Multimedia 

In 1 and 2, write an equation and solve for the variable.



In 3-8, solve each equation.

3. $g - 8 = 25$

4. $25 + y = 42$

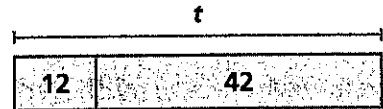
5. $r + 82 = 97$

6. $30 = m - 18$

7. $150 = e + 42$

8. $a - 51 = 12$

9. Only 12 students can be in the next school play. Let t represent the number of students who tried out for the play. The number of students who tried out but did not get a role is 42.



a. Explain how the bar diagram and the equation $t - 12 = 42$ model this situation.

b. Solve the equation to find the total number of students who tried out for the play.

10. Shree writes the equation $x + 7 = 28$. What should Shree do to find the value of x ?

11. Krystal says that you need to add to solve the subtraction equation $y - 11 = 52$. Is Krystal correct? Explain.

Name: _____

4-4 Additional Practice



In 1–4, explain how to isolate the variable in each equation.

1. $81 = \frac{m}{9}$

2. $h \div 3 = 12$

3. $4r = 20$

4. $34 = 17b$

In 5–12, solve each equation.

5. $\frac{t}{35} = 42$

6. $1 = \frac{u}{2}$

7. $7s = 245$

8. $600a = 2,400$

9. $936 = 78p$

10. $29 = k \div 5$

11. $16d = 2,864$

12. $180 = \frac{g}{12}$

In 13 and 14, write a division equation and a multiplication equation to represent each problem.

13. Gillian read 3,135 words in 19 minutes. Let w represent the number of words read each minute. If Gillian read the same number of words each minute, how many words did she read in 1 minute?

14. Colin is a math tutor. He charges the same amount, s , for every tutoring session. After 21 sessions he has earned \$1,575. How much does Colin charge for one tutoring session?

In 15–17, solve each division equation and use a multiplication equation to check your answer.

15. $9,522 \div 9 = k$

16. $7,848 \div w = 36$

17. $56,259 \div 57 = i$

18. **Model with Math** The 46 golf balls in Stavín's golf bag have 15,180 dimples on them. Each golf ball has the same number of dimples. Use the bar diagram to write and solve an equation to find the number of dimples on each ball in Stavín's bag. © MP4

