

4.6 Learning Opportunity



Name: _____

Solving addition and subtraction equations

Solve each equation below. Be sure to check your solution.

1) $8 = c - 4$

2) $x - 11 = 9$

3) $2 = z - 14$

4) $72 = 24 + w$

5) $86 + y = 99$

6) $6 + y = -8$

7) $-5 = m + 11$

8) $n + 3.5 = 6.7$

9) $x + 1.6 = 0.8$

10) $98 = t - 18$

11) $12 = g - 56$

12) $x - 18 = -2$

13) $p - 11 = -5$

14) $a - 1.5 = 4.2$

Average Lifespans of Animals			
Animal	Lifespan (yr)	Animal	Lifespan (yr)
Black Bear	18	Guinea Pig	4
Dog	12	Puma	?
Giraffe	10	Tiger	16
Gray Squirrel	10	Zebra	?

- 15) The lifespan of a black bear is 3 years longer than the lifespan of a zebra. Write an addition equation you could use to find the lifespan of a zebra. Solve the equation you wrote. What is the lifespan of a zebra?
- 16) The lifespan of a guinea pig is 8 years shorter than the lifespan of a puma. Write a subtraction equation you could use to find the lifespan of a puma. Solve the equation you wrote. What is the lifespan of a puma?