

# Variables Worksheet

## *More $x$ 's and $y$ 's Than a Bucket of Chromosomes*

Express the following statements as algebraic expressions.

1. The temperature  $T$  fell by  $10^\circ\text{F}$ . What is the current temperature?
2. Bill is 2 years older than his brother Harry, who is  $A$  years old. How old is Bill?
3. A cake weighing  $w$  lbs is divided into 8 pieces. What is the weight of each piece?
4. What is four less than thrice a number  $x$ ?
5. Jim can run 3 miles in half an hour. How many miles can he cover in  $t$  minutes?
6. If Jane got 10 out of  $p$  problems wrong, how many did she get right?
7. Bob gained  $15\frac{1}{2}$  pounds in one month and weighs  $x$  lbs now. How much did Bob weigh last month?
8. There are  $b$  boys in a class of 30 students. How many girls are there?
9. What is three more than half of a number  $n$ ?
10. Sarah spent 40 minutes more on the bicycle than she did on the Stairmaster. If she spent  $s$  mins on the Stairmaster, how long was she on the bicycle?

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