

Name: \_\_\_\_\_

1. Complete the backtracking path on each of these flowcharts to find each value of  $A$ .

(a)

$A =$

(b)

$A =$

(c)

$A =$

(d)

$A =$

(e)

$A =$

2. Complete the flowcharts for the following equations and use backtracking to solve.

(a)  $4m - 5 = 23$

$m =$

(b)  $6(m - 3) = 24$

$m =$

3. Use backtracking to solve the following equations.

(a)  $2m + 9 = 17$

$m =$

(b)  $\frac{m}{3} - 5 = 1$

$m =$

(c)  $6(m + 7) = 72$

$m =$