Name _____ Date _____

Switch It!

Homework

1. Complete the following problems in your head. Try to use a ten whenever possible.
   A. $3 + 16 + 7 =$ _____

   B. $9 + 17 + 1 =$ _____

   C. $2 + 11 + 8 =$ _____

   D. $5 + 15 + 6 =$ _____

   E. $7 + 12 + 8 =$ _____

2. Choose two problems from above and tell how you solved each one. You can use pictures, words, or number sentences and the space below the problem to explain.

3. Write and solve your own addition problem.

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Questions 1–3

Solution strategies will vary.

1. **A.** 26; $\boxed{3 + 7} + 16 = 26$
   B. 27; $\boxed{9 + 1} + 17 = 27$
   C. 21; $\boxed{8 + 2} + 11 = 21$
   D. 26; $\boxed{5 + 5} + 10 + 6 = 26$
   E. 27; $\boxed{12 + 8} + 7 = 27$

2. Solution strategies will vary.

3. Problems will vary.

Name _____ Date _____

Six Key Is Broken

Imagine the six key on your calculator is broken. What keystrokes would you press to do the problems below? Look for tens. For example, $7 + 16 + 4$ could be solved by pressing: $\boxed{7}\,\boxed{+}\,\boxed{3}\,\boxed{+}\,\boxed{13}\,\boxed{+}\,\boxed{4}\,\boxed{=}$
List your keystrokes and write the sum. You do not have to fill all the boxes.

1. $6 + 15 + 2 =$ _____

2. $17 + 6 + 4 =$ _____

3. $14 + 6 + 7 =$ _____

4. $6 + 18 + 1 =$ _____

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Questions 1–4

Solution strategies and keystrokes will vary. One possible response is given for each.

1. 23; $1 + 5 + 15 + 2 =$
2. 27; $17 + 3 + 3 + 4 =$
3. 27; $14 + 3 + 3 + 7 =$
4. 25; $4 + 2 + 18 + 1 =$