Name: _____   Date: _____

Unit 3 Study Guide

① Write the fact family.

```
        /\
       / • \          _____ + _____ = _____
      /  8  \
     /       \        _____ + _____ = _____
    /  +, −   \
   /           \      _____ − _____ = _____
  /  5       3  \
 /_____\      _____ − _____ = _____
```
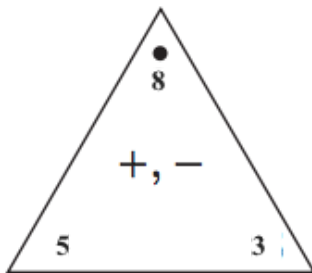
② Tim is playing *Salute!*

The dealer says 11.
His partner has a 7 on his forehead.

What number does Tim have? _____
How do you know? Explain your thinking.

_____

_____

_____

③ Solve.

Rule
+ 4

in	out
6	
13	
20	
88	

④ Mary made a 10 to figure out the sum for $7 + 5$. Explain Mary's thinking.

_____

_____

⑤ Subtract.

a. $9 - 0 = $ _____

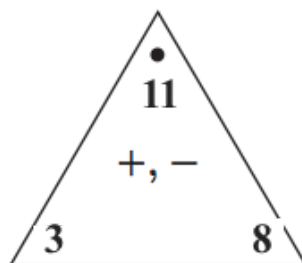b. $8 - $ _____ $ = 7$

c. _____ $ - 0 = 4$

d. _____ $ - 1 = 5$

⑥ Pat wrote the fact family below and said it matches this Fact Triangle.

$8 + 3 = 11$

$3 + 8 = 11$

$8 - 3 = 5$

$8 - 5 = 3$

Do you agree with Pat? _____

Write an argument that explains why you agree or disagree with Pat.

_____

_____

_____

_____