Name: _____

Addition & Subtraction (4-Digit Numbers)

Addition and Subtraction with Bar Models

Find the missing value for each bar model. Then write an addition and subtraction number sentence for each.

a.

part	part
844	
2,096	

whole

_____ + _____ = _____

_____ − _____ = _____

b.

part	part
6,049	2,303

whole

_____ + _____ = _____

_____ − _____ = _____

_____ + _____ = _____

_____ − _____ = _____

_____ + _____ = _____

_____ − _____ = _____

e.

part	part
3,755	
6,655	

whole

_____ + _____ = _____

_____ − _____ = _____

f.

whole	
2,908	
1,454	

part part

_____ + _____ = _____

_____ − _____ = _____

ANSWER KEY

Addition and Subtraction with Bar Models

Note to teacher: Addition and subtraction number sentences may be reversed.
(example: student may write 2,096 – 844 = 1,252 or 2,096 – 1,252 = 844)

a.

part	part
844	1,252
2,096	

whole

844 + 1,252 = 2,096

2,096 – 844 = 1,252

b.

part	part
6,049	2,303
8,352	

whole

6,049 + 2,303 = 8,352

8,352 – 2,303 = 6,049

5,196 – 2,109 = 3,087

9,870 – 4,222 = 5,648

e.

part	part
3,755	2,900
6,655	

whole

3,755 + 2,900 = 6,655

6,655 – 3,755 = 2,900

f.

whole	
2,908	
1,454	1,454

part part

1,454 + 1,454 = 2,908

2,908 – 1,454 = 1,454