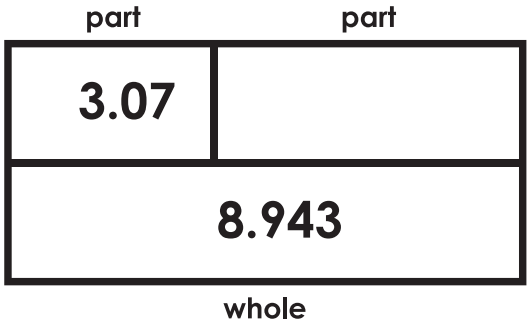
Name: _____

Addition & Subtraction
(Decimals to Thousandths)

Decimal Operations with Bar Models

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

a.



_____ + _____ = _____

_____ − _____ = _____

b.

_____ + _____ = _____

_____ − _____ = _____

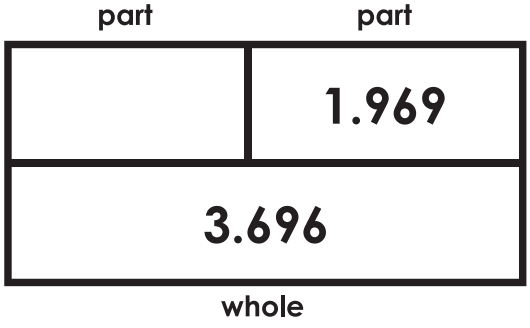
_____ + _____ = _____

_____ − _____ = _____

_____ + _____ = _____

_____ − _____ = _____

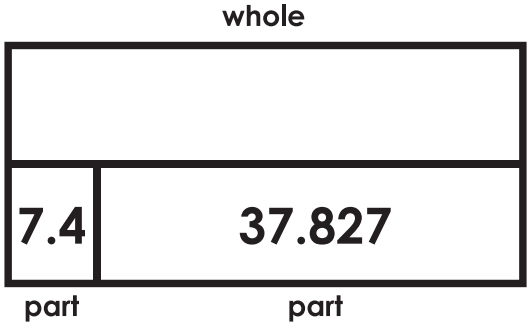
e.



_____ + _____ = _____

_____ − _____ = _____

f.



_____ + _____ = _____

_____ − _____ = _____

ANSWER KEY

Decimal Operations with Bar Models

Note to teacher: Addition and subtraction number sentences may be reversed.
(example: student may write 8.943 – 3.07 = 5.873 or 8.943 – 5.873 = 3.07)

a.

part	part
3.07	5.873
8.943	

whole

3.07 + 5.873 = 8.943

8.943 – 3.07 = 5.873

b.

part	part
1.039	0.761
1.8	

whole

0.761 + 1.039 = 1.8

1.8 – 0.761 = 1.039

45 – 18.446 = 26.554

106.8 – 46.284 = 60.516

e.

part	part
1.727	1.969
3.696	

whole

1.969 + 1.727 = 3.696

3.696 – 1.969 = 1.727

f.

whole	
45.227	
7.4	37.827

part part

7.4 + 37.827 = 45.227

45.227 – 7.4 = 37.827