Name: _____

Addition & Subtraction
(Decimals to Hundredths)

# Decimal Operations with Bar Models

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

**a.**

| part | part |
|---|---|
| 10.41 | |
| 17.32 | |

whole

_____ + _____ = _____

_____ − _____ = _____

**Show your work.**

_____ + _____ = _____

_____ − _____ = _____

**c.**

| part | part |
|---|---|
| 3.08 | 7.5 |
| | |

whole

_____ + _____ = _____

_____ − _____ = _____

**Show your work.**

d.

| part | part |
|---|---|
| | 0.49 |
| 0.8 | |

whole

____ + ____ = ____

____ − ____ = ____

Show your work.

e.

| whole | |
|---|---|
| 9.76 | |
| 3.76 | |

part part

____ + ____ = ____

Show your work.

____ + ____ = ____

____ − ____ = ____

Show your work.

g.

| part | part |
|---|---|
| | 14.87 |
| 36.5 | |

whole

____ + ____ = ____

____ − ____ = ____

Show your work.

**ANSWER KEY**

# Decimal Operations with Bar Models

Note to teacher: Addition and subtraction number sentences may be reversed.
(example: student may write 17.32 – 10.41 = 6.91 or 17.32 – 6.91 = 10.41)

a.

| part | part |
|---|---|
| 10.41 | 6.91 |
| 17.32 | |

whole

**Show your work.**

10.41 + 6.91 = 17.32

17.32 – 10.41 = 6.91

**Preview**

*Please log in to download the printable version of this worksheet.*

14.29 – 9.04 = 5.25

c.

| part | part |
|---|---|
| 3.08 | 7.5 |
| 10.58 | |

whole

**Show your work.**

3.08 + 7.5 = 10.58

10.58 – 7.5 = 3.08

d.

| part | part |
|---|---|
| 0.31 | 0.49 |
| 0.8 | |

whole

0.49 + 0.31 = 0.8

0.8 − 0.49 = 0.31

Show your work.

e.

| whole | |
|---|---|
| 9.76 | |
| 3.76 | 6 |

part part

3.76 + 6 = 9.76

Show your work.

2.27 + 2.73 = 5

5 − 2.73 = 2.27

g.

| part | part |
|---|---|
| 21.63 | 14.87 |
| 36.5 | |

whole

14.87 + 21.63 = 36.5

36.5 − 14.87 = 21.63

Show your work.