

Name: _____

Date: _____



Use Formal Methods For Subtraction of Integers



Section A Circle all the words and phrases that are used for subtraction.

sum equivalent altogether fewer lots of minus more takeaway product
total share difference between increase decrease plus less group

Section B Solve.

| | | | | |
|----|---|---|---|---|
| a) | 5 | 9 | 7 | 5 |
| - | 2 | 0 | 1 | 1 |
| | | | | |

| | | | | |
|----|---|---|---|---|
| b) | 3 | 5 | 1 | 7 |
| - | 2 | 4 | 2 | 3 |
| | | | | |

| | | | | |
|----|---|---|---|---|
| c) | 7 | 3 | 7 | 9 |
| - | | 2 | 2 | 1 |
| | | | | |

| | | | | |
|----|---|---|---|---|
| d) | 4 | 5 | 2 | 0 |
| - | | 8 | 3 | 5 |
| | | | | |

Section C Use the grid below to write each equation as a column subtraction and then calculate.

a) $6568 - 3689$

b) $5361 - 3760$

c) $7165 - 807$

d) seven thousand, four hundred and thirty minus three thousand, one hundred and thirty two

| | | | | |
|----|--|--|--|--|
| a) | | | | |
| | | | | |
| - | | | | |
| | | | | |

| | | | | |
|----|--|--|--|--|
| b) | | | | |
| | | | | |
| - | | | | |
| | | | | |

| | | | | |
|----|--|--|--|--|
| c) | | | | |
| | | | | |
| - | | | | |
| | | | | |

| | | | | |
|----|--|--|--|--|
| d) | | | | |
| | | | | |
| - | | | | |
| | | | | |

Section D Equivalent calculations

Circle the equivalent equations for each question:

1) $200 - 163$

a) $199 - 162$

b) $199 - 164$

2) $1000 - 732$

a) $999 - 730$

b) $999 - 731$

3) $802 - 254$

a) $799 - 250$

b) $799 - 251$

Explain why these equivalent equations could be helpful when subtracting?

Section E Fill the boxes.

| | | | | |
|----|---|---|---|---|
| a) | 6 | | 6 | 4 |
| - | 1 | 2 | | 4 |
| | | 7 | 3 | 0 |

| | | | | | |
|----|---|---|---|---|---|
| b) | 2 | 2 | 1 | 8 | 9 |
| - | | 7 | 5 | 5 | 9 |
| | 1 | 4 | | 3 | 0 |

| | | | | |
|----|---|---|---|---|
| c) | 9 | 6 | | 1 |
| - | | 7 | 5 | 3 |
| | | 8 | 8 | 8 |