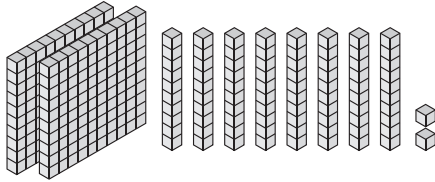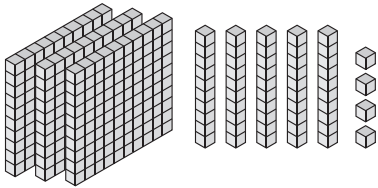Name _____

Use Base Ten Blocks to build each pair of numbers.
Estimate each sum or difference to the nearest 100.
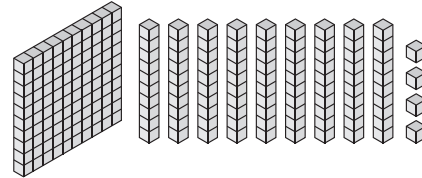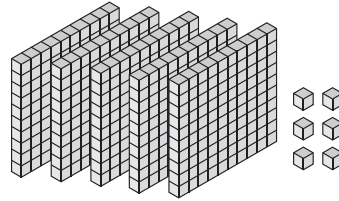
1.

Model: _____ + _____

Estimate: _____ + _____ = _____

2.

Model: _____ – _____

Estimate: _____ – _____ = _____

Build each problem using Base Ten Blocks. Sketch the model.
Estimate each sum or difference to the nearest 10.

3. 77 + 42

4. 261 – 237

_____ + _____ = _____

_____ – _____ = _____

Estimate each sum or difference to the nearest 10.

5. 522 + 179

____ + ____ = _____

6. 85 – 53

____ – ____ = _____

7. 103 + 517

____ + ____ = _____

Estimate each sum or difference to the nearest 100.

8. 463 – 268

____ – ____ = _____

9. 145 + 827

____ + ____ = _____

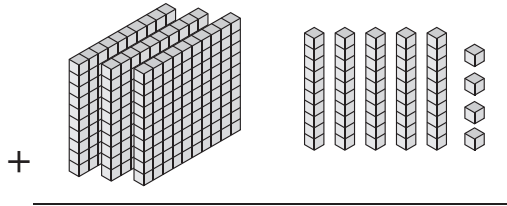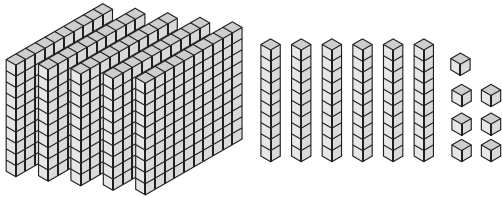**10.** 557 – 299

____ – ____ = _____

Name _____

Challenge! Write rules for Base Ten Blocks that describe how to round numbers to the nearest 10, nearest 100, and nearest 1,000. Use examples or draw pictures to help.

_____

_____

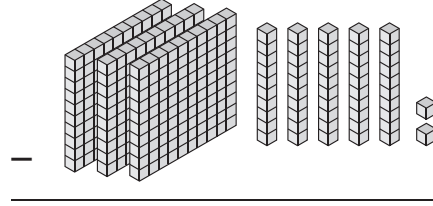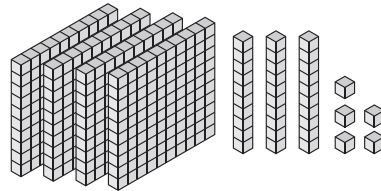_____

_____

_____

_____

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_____

Name _____

**Use Base Ten Blocks to build each number.
Find the sum or difference.**

1.

+ _____

Sum: _____

2.

− _____

Difference: _____

**Build each problem using Base Ten Blocks. Then sketch
the model. Find the sum or difference. Name any
regrouping needed.**

3. 628
    + 259

_____

4. 463
    − 278

_____

Find each sum or difference.

5. 356 + 288 = _____

6. 235 − 154 = _____

7. 416 + 378 = _____

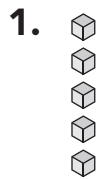**8.** 815 − 421 = _____

9. 81 + 425 = _____

10. 990 − 386 = _____

Name _____

Challenge!   Explain why when adding or subtracting two numbers, you work from right to left. Draw a picture to help.

_____

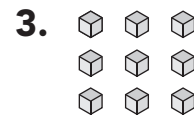_____

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_____

_____

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_____

Name _____

Use Base Ten Blocks to build each number. Use rods to find the product of each number modeled and 10.

1. _____ × 10 = _____

2. _____ × 10 = _____

3. _____ × 10 = _____

Build each problem using Base Ten Blocks. Then sketch the model. Write each product.

4. 8 × 10 = _____

5. 15 × 10 = _____

6. 21 × 10 = _____

7. 8 × 20 = _____

8. 4 × 20 = _____

9. 7 × 20 = _____

Find the answer to each multiplication problem.

10. 3 × 10 = _____

11. 12 × 10 = _____

12. 24 × 10 = _____

13. 6 × 20 = _____

14. 9 × 20 = _____

15. 15 × 20 = _____

Name _____

Challenge! Explain how Problems 11 and 13 have the same
product when their factors are different.
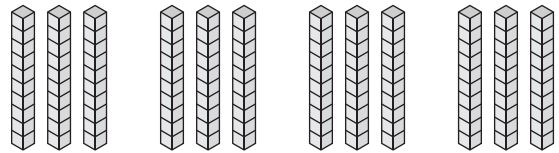
_____

_____

_____

_____

_____

_____

_____

Name _____

Use Base Ten Blocks to build the model. Find the product.

1. $3 \times 50 = 3 \times 5 \times 10 =$ _____
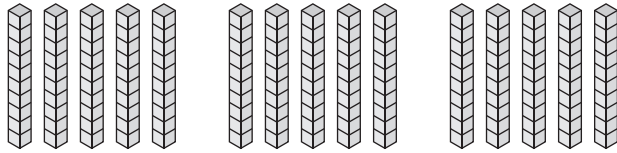
2. $4 \times 30 = 4 \times 3 \times 10 =$ _____

Use Base Ten Blocks to model the product. Sketch the model. Complete the multiplication sentence.

3. 7×20

4. 4×40

_____ × _____ × 10 = _____

_____ × _____ × 10 = _____

Find the answer to each multiplication problem.

5. $8 \times 40 =$ _____

6. $9 \times 20 =$ _____

7. $6 \times 70 =$ _____

8. $3 \times 90 =$ _____

9. $8 \times 50 =$ _____

10. $4 \times 80 =$ _____

11. $9 \times 60 =$ _____

12. $7 \times 40 =$ _____

13. $6 \times 60 =$ _____

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Name _____

Challenge!   Marcus bought a box of cards. In the box there were 6 smaller boxes, and in each of those boxes there were 6 packs of 10 cards. To find the total number of cards he bought, Marcus wrote this equation: 6 × 60 = 360. Is he correct? Explain how you know.

_____

_____

_____

_____

_____

_____

_____