Key Concept and Vocabulary

Thousands	Hundreds	Tens	Ones
1,	2	4	5
1,000	200	40	5

Place Value

Visual Model

1,245
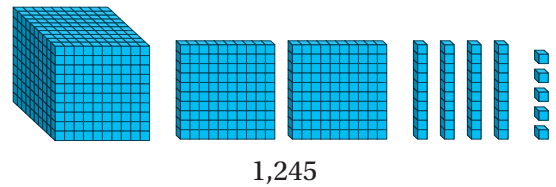
Skill Examples

1. The value of the digit 5 in 357 is 50.

2. The value of the digit 8 in 4,318 is 8.

3. The value of the digit 6 in 625 is 600.

4. The value of the digit 2 in 2,743 is 2,000.

5. The value of the digit 0 in 8,024 is 0.

Application Example

6. A game console costs $345. A video game costs $39. Which price has a 3 in the tens place?

	Hundreds	Tens	Ones
Game console	3	4	5
Video game		3	9

The price of the video game has a 3 in the tens place.

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Check your answers at BigIdeasMath.com.

Write the value of the underlined digit.

7. 6<u>7</u>   __7__

8. <u>1</u>9   __10__

9. <u>2</u>78   __200__

10. 52<u>1</u>   __1__

11. 3<u>3</u>6   __30__

12. 1,<u>7</u>98   __700__

13. 94<u>0</u>   __0__

14. <u>6</u>,490   __6,000__

15. 2,5<u>2</u>3   __20__

16. 8,<u>1</u>46   __100__

17. 7,<u>0</u>25   __0__

18. 4,34<u>4</u>   __4__

Write the number shown by the model.

19.

__378__

20.

__2,040__
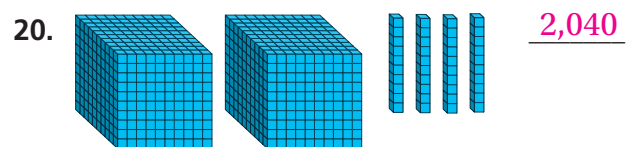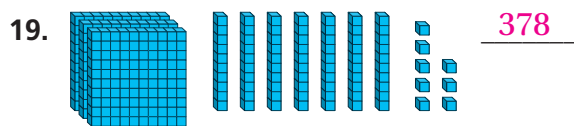
Write and compare the values of the underlined digits.

21. <u>6</u>,582 and <u>5</u>,682

__6,000__ > __5,000__

22. 9,7<u>4</u>1 and <u>4</u>17

__40__ < __400__

23. 2,<u>5</u>76 and 4,<u>5</u>80

__500__ = __500__

24. 23<u>3</u> and 8,3<u>3</u>2

__3__ < __30__

25. **BUCKET TOSS** You toss 3 balls into a blue bucket, 2 balls into a red bucket, and 4 balls into a yellow bucket. You score 243 points. How many points is one ball worth in each bucket: 1, 10, or 100 points? Explain. __red bucket: 100 points, yellow bucket: 10 points, blue bucket: 1 point; In your score, the 2 is in the hundreds place, the 4 is in the tens place, and the 3 is in the ones place.__