

4th Grade: Unit 1 Skill Overview

Use the Self Assessment to help you reflect on your progress towards our math goals in Unit 1. Below you will find examples of the types of problems you have completed in this unit. The examples may be used as additional practice if needed. Refer to your Student Reference Book for additional information and practice.

Skill

Examples

Boston's population in 2010 was 617,594. What is the value of the digit . . .

1? _____ 7? _____ 6? _____

Philadelphia's population in 2010 was 1,547,607. What is the value of the digit . . .

4? _____ 1? _____ 5? _____

- ① Identify the values of digits.

- ② Compare numbers using $<$, $>$, or $=$.

Write $<$ or $>$.

① 508 _____ 588

② 2,675 _____ 3,675

③ 1,833 _____ 1,933

④ 57,883 _____ 56,838

- ③ Round numbers.

Round to the nearest hundred-thousand.

a. 271,009 _____ b. 809,050 _____ c. 282,582 _____

d. 450,076 _____ e. 723,670 _____ f. 596,207 _____

Round to the nearest ten-thousand.

a. 48,300 _____ b. 97,042 _____ c. 19,203 _____

d. 170,500 _____ e. 124,897 _____ f. 209,800 _____

Round to the nearest thousand.

a. 1,200 _____ b. 7,500 _____ c. 2,582 _____

d. 88,888 _____ e. 13,004 _____ f. 19,652 _____

Stella is saving up to buy a bicycle that costs \$250. She has saved \$96 so far. Her aunt gave her another \$48.

a. About how much more money does Stella need? About _____

b. How did you get your answer? _____

c. Why did you choose this estimation strategy? _____

④ Estimate the answer to a problem.

Terrell climbed four buildings for a total of 472 stories. He climbed the Burj Khalifa (163 stories), the Abraj Al Bait in Saudia Arabia (120 stories), the Taipei 101 in Taiwan (101 stories), and another tall building. How many stories tall is the last building he climbed?

Estimate: _____ stories

Answer: _____ stories

Number model with answer: _____

Does your answer make sense? _____ How do you know? _____

- ⑤ Add 3-digit numbers using U.S. traditional addition.

$$\begin{array}{r} 372 \\ + 489 \\ \hline \end{array}$$

$$\begin{array}{r} 462 \\ + 949 \\ \hline \end{array}$$

- ⑥ Subtract 3-digit numbers using U.S. traditional subtraction.

$$\begin{array}{r} 600 \\ - 379 \\ \hline \end{array}$$

$$\begin{array}{r} 836 \\ - 782 \\ \hline \end{array}$$

- ⑦ Convert yards to feet.

| Yards | Feet |
|-------|------|
| 7 | |
| | 27 |
| 10 | |
| 20 | |

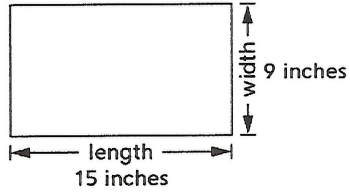
8 Identify right angles.

Use the points shown on the grid below and a straightedge to draw triangle CDE .

- a. What type of angle is angle DCE ? _____
- b. What type of triangle is triangle CDE ? _____
- c. Name the perpendicular line segments. _____



9 Find the perimeters of rectangles.



What is the perimeter? _____ inches

Write an equation for the perimeter of the rectangle.

Equation: _____ inches