

5.NBT.A.1 Rounding Large Numbers

5.NBT.A.1: Recognize that a digit in one place represents 10 times as much as in the place to its right.

1. Use place value to round each number to the place of the underlined digit.

- a. 159,475,301
- b. 2,864,128,741
- c. 451,357,159
- d. 3,145,321,751
- e. 6,254,007,970
- f. 44,872,345,106
- g. 6,123,847,652

Answers:

- a.
- b.
- c.
- d.
- e.
- f.
- g.

2. Round each number to the nearest million.

- a. 102,845,377
- b. 1,579,523,582
- c. 1,545,138,462
- d. 287,943,620
- e. 54,984,265,412
- f. 896,454,123
- g. 8,521,456

Answers:

- a.
- b.
- c.
- d.
- e.
- f.
- g.

3. An episode about satellites shows tabular data about how far the different satellites have traveled.

- a. Round the distance of Satellite A to the nearest billion.
- b. About how far did Satellite B traveled if rounded to the nearest billion?
- c. If rounded to the nearest billion, about how farther did Satellite D travel than Satellite C?

Distances Traveled by Satellites

Satellite	Distance in Meters
Satellite A	21,487,124,842
Satellite B	13,814,102,671
Satellite C	23,976,154,976
Satellite D	33,245,741,932

Answers:

- a.
- b.
- c.

4. A white diamond was sold at a price of \$37,600,000 at an auction. An oval diamond was sold at a price of \$28,700,000 million. If both price are estimated to the nearest ten millions, about how much more is the white diamond than the oval diamond?

Answer:

5. What number that is rounded to the nearest millions is 423,000,000?

- A. 422,499,569
- B. 422,820,014
- C. 423,601,134
- D. 423,973,920

Answer:

5.NBT.A.1 Rounding Large Numbers

Answer Key

5.NBT.A.1: Recognize that a digit in one place represents 10 times as much as in the place to its right.

1. Use place value to round each number to the place of the underlined digit.

- 159,475,301
- 2,864,128,741
- 451,357,159
- 3,145,321,751
- 6,254,007,970
- 44,872,345,106
- 6,123,847,652

Answers:

- 160,000,000
- 2,900,000,000
- 450,000,000
- 3,150,000,000
- 6,300,000,000
- 45,000,000,000
- 6,100,000,000

2. Round each number to the nearest million.

- 102,845,377
- 1,579,523,582
- 1,545,138,462
- 287,943,620
- 54,984,265,412
- 896,454,123
- 8,521,456

Answers:

- 103,000,000
- 1,580,000,000
- 1,545,000,000
- 288,000,000
- 54,984,000,000
- 896,000,000
- 9,000,000

3. An episode about satellites shows tabular data about how far the different satellites have traveled.

- Round the distance of Satellite A to the nearest billion.
- About how far did Satellite B traveled if rounded to the nearest billion?
- If rounded to the nearest billion, about how farther did Satellite D travel than Satellite C?

Distances Traveled by Satellites

Satellite	Distance in Meters
Satellite A	21,487,124,842
Satellite B	13,814,102,671
Satellite C	23,976,154,976
Satellite D	33,245,741,932

Answers:

- 21,000,000,000
- 14,000,000,000
- 9,000,000,000

4. A white diamond was sold at a price of \$37,600,000 at an auction. An oval diamond was sold at a price of \$28,700,000 million. If both price are estimated to the nearest ten millions, about how much more is the white diamond than the oval diamond?

Answer:

\$10,000,000

5. What number that is rounded to the nearest millions is 423,000,000?

- 422,499,569
- 422,820,014
- 423,601,134
- 423,973,920

Answer:

B. 422,820,014