

## 4.NBT.B.6 Round the Dividends and Then Estimate

4.NBT.B.6 Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors

1. Round the dividend to the nearest hundred and estimate the quotient.

- a.  $278 \div 5 =$
- b.  $179 \div 2 =$
- c.  $1,598 \div 8 =$
- d.  $2,412 \div 4 =$
- e.  $913 \div 3 =$
- f.  $2,704 \div 9 =$
- g.  $629 \div 6 =$

Solution:

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

2. Estimate the product. Explain how you estimated.

- a.  $495 \div 5 =$
- b.  $212 \div 4 =$
- c.  $2,399 \div 8 =$
- d.  $6,323 \div 9 =$
- e.  $614 \div 3 =$

Solution:

- a.
- b.
- c.
- d.
- e.

3. Harvey counted his steps using his pedometer and found out that he took 7,221 steps in last 8 hours. About how many step did he take each hour? Use rounding to the nearest hundred to solve the problem.

Solution:

4. A restaurant in New York distributed 18,127 meals in last 6 days. About many meals were distributed each day? Use rounding to the nearest thousand to solve the problem.

Solution:

5. Bob's annual gross salary was \$61,203 in year 2018. He worked all the twelve month of the year. About how much was his salary per month in year 2018? Use rounding to the nearest ten thousand to solve the problem.

Solution:

6. The best estimate for  $631 \div 7$  is?

- A. 70
- B. 80
- C. 90
- D. 100

Solution:

## 4.NBT.B.6 Round the Dividends and Then Estimate

### Answer Key

4.NBT.B.6 Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors

1. Round the dividend to the nearest hundred and estimate the quotient.

- a.  $278 \div 5 =$
- b.  $179 \div 2 =$
- c.  $1,598 \div 8 =$
- d.  $2,412 \div 4 =$
- e.  $913 \div 3 =$
- f.  $2,704 \div 9 =$
- g.  $629 \div 6 =$

Solution:

- a. 60
- b. 100
- c. 200
- d. 600
- e. 300
- f. 300
- g. 100

2. Estimate the product. Explain how you estimated.

- a.  $495 \div 5 =$
- b.  $212 \div 4 =$
- c.  $2,399 \div 8 =$
- d.  $6,323 \div 9 =$
- e.  $614 \div 3 =$

Solution:

- a. 100 (nearest 100)
- b. 50 (nearest 100)
- c. 300 (nearest 100)
- d. 700 (nearest 100)
- e. 200 (nearest 100)

3. Harvey counted his steps using his pedometer and found out that he took 7,221 steps in last 8 hours. About how many step did he take each hour? Use rounding to the nearest hundred to solve the problem.

Solution: 900

4. A restaurant in New York distributed 18,127 meals in last 6 days. About many meals were distributed each day? Use rounding to the nearest thousand to solve the problem.

Solution: 3,000

5. Bob's annual gross salary was \$61,203 in year 2018. He worked all the twelve month of the year. About how much was his salary per month in year 2018? Use rounding to the nearest ten thousand to solve the problem.

Solution: \$5,000

6. The best estimate for  $631 \div 7$  is?

- A. 70
- B. 80
- C. 90
- D. 100

Solution: C