

Thousandths Place Value and Expanded Notation

1. What number represents three **and** fourteen thousandths?

- A** 3.014
- B** 3.14
- C** 314,000
- D** 0.314

2. The table below lists the amount of rainfall in centimeters in August for four counties in Texas. Amber lives in the county that has a rainfall amount with a 4 in the **tens** place **and** a 6 in the **thousandths** place.

County	Rainfall Amount
Angelina	42.638
Fort Bend	33.426
Brazos	43.576
Montgomery	35.462

Based on this information, in which county does Amber live?

- F** Angelina
- G** Fort Bend
- H** Brazos
- J** Montgomery

3. Leo rolled four toy cars across the floor and measured each of their distances. The shortest distance measured was two hundred twenty-four thousandths. Which of the following represents this distance?

- F** $(2 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$
- G** $(2 \times 100) + (2 \times 0.1) + (4 \times 0.1)$
- H** $(200 \times 1) + (24 \times \frac{1}{1000})$
- J** $(2 \times 0.01) + (24 \times 0.001)$

4. In P.E. class, Lindsey runs the 40-yard dash in $(1 \times 10) + (9 \times 0.01) + (9 \times 0.001)$ seconds, Martha runs it in ten and one hundred nine thousandths seconds, Natosha runs it in $(1 \times 10) + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$ seconds and Rick runs it in ten and nine tenths seconds. Which student ran the 40-yard dash in 10.099 seconds?

- F** Lindsey
- G** Martha
- H** Natosha
- J** Rick

Write the following decimals in **standard form**.

5. four thousandths

6. seventy-two and eighty three thousandths

7. eighteen and seven hundredths

Write the following decimals in **expanded notation**.

8. 75.038 (fraction)

9. 94.201 (decimal)

WORD BANK: place value, hundredths, thousandths, tenths

10. If one **hundredth** is divided into ten equal parts, each part is one

11. If one **tenth** is divided into ten equal parts, each part is one
