2.4 Adding and Subtracting Decimals

ESSENTIAL QUESTION

How can you add and subtract decimals?

1

2

COMMON CORE STATE STANDARDS

6.NS.3 Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.

ADD AND SUBTRACT DECIMALS

- 1. Write the numbers vertically and line up the decimal points.
- 2. Bring the decimal point straight down.
- 3. Add or subtract as you would whole numbers.

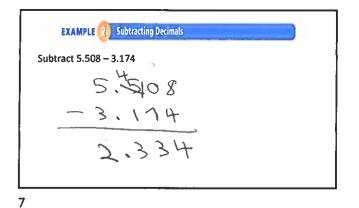
3

Add 8.13 + 2.76
$$\frac{8}{1}$$
 $\frac{3}{1}$

Add 1.459 + 23.7 0 1 4 5 9 723.700

5

6



Subtract 21.9 – 1.605

21, 41810

-1, 605

20, 295

8

On Your Own

Add or Subtract.

4.206 + 10.85

0 4, 2, 0, 6

410, 85

15.056

9

On Your Own

Add or Subtract.

6.34-5.33

C, 3 4

-5, 3 3

On Your Own

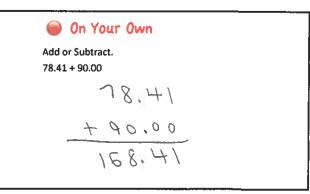
Add or Subtract.

15.5 + 8.229

15.500

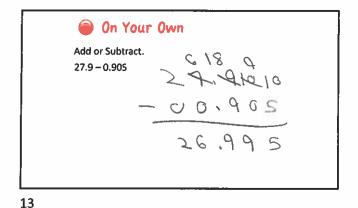
108.229

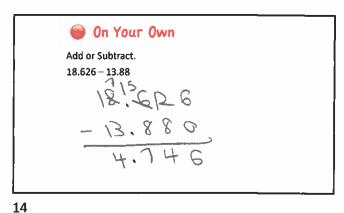
23.729



11 12

2





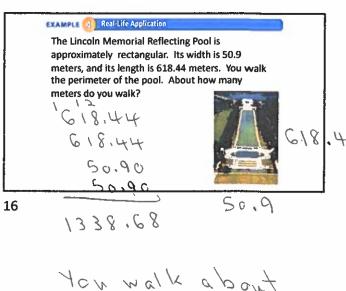
Your meal at the school cafeteria costs \$3.45. Your friend's meal costs \$3.90. You pay for both meals with a \$10 bill. How much change do you receive?

10.00 3.4543.90

15 43.90

10.00 7.35 43.90

in change.



© On Your Own

8. Find the perimeter of the triangle.

66.04 cm

2 5 . ↓ ←

60.96 cm

60.96 cm

15 2 . ↓ 0

You walk about

the perimeter of the triangle is 152,40 cm,