

Adding Decimals within 1

1. Complete the addition below. Use the place value chart to help you.

$$14,025 + 31,764 = \boxed{}$$

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4. Use the digit cards to create different calculations where two 4-digit numbers are added together. Each calculation should include three exchanges.



You can use each card more than once. Find two possibilities.

PS

2. Complete the calculation below.

	4	7	8	3
+	3	4	3	6

How many exchanges are needed?

VF

5. Circle the odd one out.

$$\begin{array}{r} 105 \\ \hline 1000 \end{array}$$

$$\begin{array}{r} 510 \\ \hline 1000 \end{array}$$

0.51

0.105

0.051

Explain your reasoning.

R

3. Match the decimal numbers to their equivalent fractions.

A. 0.467

$$\frac{137}{1000}$$

B. 0.674

$$\frac{467}{1000}$$

C. 0.137

$$\frac{731}{1000}$$

D. 0.731

$$\frac{674}{1000}$$

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6. Identify the decimals described in each clue. Each decimal is less than 1.

A. This number contains forty-five hundredths. The thousandths digit is an even number.

B. This number has three odd digits. It is the largest number.

C. This number has a ninety-three thousandths. It has more tenths than decimal A.

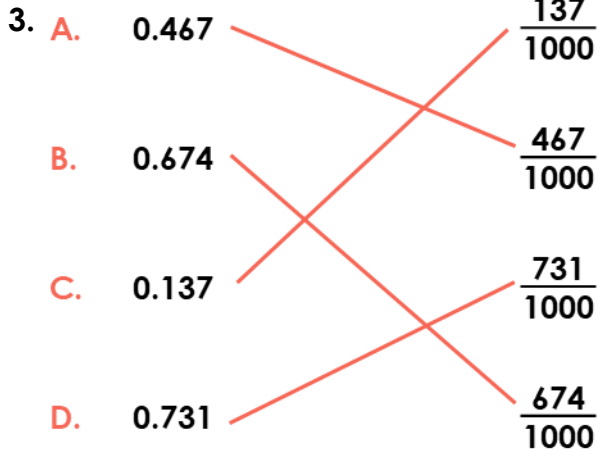
Find two possibilities for each clue.

PS

Adding Decimals within 1

1. $14,025 + 31,764 = 45,789$

2. 8,219; 2 exchanges are needed

3. A. 0.467 $\frac{137}{1000}$
- B. 0.674 $\frac{467}{1000}$
- C. 0.137 $\frac{731}{1000}$
- D. 0.731 $\frac{674}{1000}$
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4. Various answers, for example: $7,463 + 3,674 = 11,137$; $7,634 + 4,637 = 12,271$; $3,673 + 7,463 = 11,136$

5. 0.051 is the odd one out because it is the only decimal that cannot be paired with its equivalent fraction.

6. Various answers, for example:

A. 0.452; 0.458; 0.456

B. 0.993; 0.971; 0.997

C. 0.593; 0.893; 0.793