

MATHeMENTALS 6

Developing Computational Fluency

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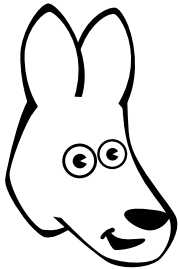
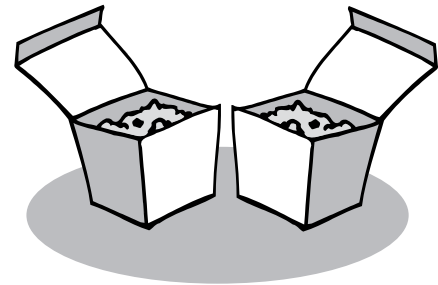
Sample Exercises



WARM UP 21

Name: _____

Two friends shared the cost of a carry-out meal. The total cost was \$32.60. How much was each share?



How can you use division to find $\frac{1}{2}$ of \$32.60?

1. Complete this sentence.

$\frac{1}{2}$ of \$32.60 is the same as $\$32.60 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2. a. Suppose four friends shared the cost of the meal. Complete this sentence to show your thinking.

$\frac{1}{4}$ of \$32.60 is the same as $\$32.60 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

How did you figure out $\$32.60 \div 4$?



b. Complete this sentence to show your thinking.

$\$32.60 \div 4$ is the same as $\underline{\hspace{2cm}}$

3. Use the same strategy to figure out these in your head.

a.

$\frac{1}{2}$ of \$18.70 = $\underline{\hspace{2cm}}$

b.

$\frac{1}{4}$ of \$20.48 = $\underline{\hspace{2cm}}$

Name: _____

1. a. Look at this number sentence.
Write how you would calculate
the answer in your head.

$$\frac{1}{4} \text{ of } \$36.80$$

- b. Write two other number sentences with dollars and cents that you could solve the same way.

$$\frac{1}{2} \text{ of } \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\frac{1}{4} \text{ of } \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2. Use division to calculate each of these. Write the missing numbers.

a. $\frac{1}{2}$ of \$26.42

is the same as

$\$26.42 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

b. $\frac{1}{4}$ of \$16.32

is the same as

$\$16.32 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

c. $\frac{1}{4}$ of \$24.88

is the same as

$\$24.88 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

d. $\frac{1}{2}$ of \$32.26

is the same as

$\$32.26 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

3. Calculate the answers.

	\$24.84	\$32.40	\$48.68	\$28.12	\$36.24
$\frac{1}{2}$ of					
$\frac{1}{4}$ of					