

NAME _____

DATE _____



More Multiplying by Ten page 1 of 2

- 1 For each rectangle below, label the dimensions, find the area, and write an equation to describe the array.

| | Labeled Array | Area | Multiplication Equation |
|-----------|---------------|------|-------------------------|
| ex | | 60 | $6 \times 10 = 60$ |
| a | | | |
| b | | | |
| c | | | |

(continued on next page)

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More Multiplying by Ten page 2 of 2**2** Write a multiplication equation or story problem in each empty box to complete the table.

| Story Problems | Multiplication Equation |
|--|------------------------------------|
| ex Sarah has 5 dimes. How much money does she have? | $5 \times 10\text{¢} = 50\text{¢}$ |
| a James has 12 dimes in his pocket. How much money does he have? | |
| b Larry had 16 dimes in his collection of old coins. How much money does he have? | |
| c | $10\text{¢} \times 30 = \$3.00$ |
| d | $21 \times 10\text{¢} = \$2.10$ |

3 CHALLENGE Dana has only nickels in her hand, and Ajah has exactly the same number of dimes and no other coins. Together they have a total of 90¢. How many coins is each person holding? Show your work below.